1: Cohen E-4,5 (1956-1965) 1967 MS14 Kanuri MS14

There are many greetings which are adjusted to social rank, so that one can say "Hello" to a social inferior, to an equal, or to a respected superior, and receive a proper reply recognizing the same distinction. People from other areas of Nigeria and Europeans claim it is a difficult language to learn. But this is probably due to the fact that the most widespread language of Northern Nigeria is Hausa, and many outsiders find they can get along with Hausa in the cities and larger towns without having to make the effort to learn Kanuri. Certainly today most Kanuri school children know some Hausa, and facility with it is spreading throughout all of Northern Nigeria.

Distinctive Kanuri cultural features, things which are of unique Kanuri origin, are not necessarily vitally important things. But they are, if you like, diagnostic features that indicate Bornu-ness in contrast to the cultures of other closely related ethnic groups in the Sudan. Perhaps the most striking feature is the women's hair style. At its most resplendent, it resembles the form of a Trojan helmet made out of an enormous braided ponytail that begins as a crest at the front-center of the head and curves up over the head to end in a slight upward curl of the tail at the back. Today a few of the young school girls are beginning to give up this traditional Kanuri coiffure and are taking on instead the Shuwa-Arab style of a smooth top of the head with hundreds of small braids clinging tightly to the sides and back of the head, at the ends of which are either loose ringlets or a pageboy effect.

Other features which are unique to Bornu are their knives and calabash carvings. These items are also unique to each ethnic group in the region, as are tribal marks cut on the face. Thus many unique features of Kanuri traditional life are thought of locally by many peoples as differentiating criteria for separating one ethnic group from another. A Northern Nigerian going to a market in Jos, or Maiduguri, or Kano, can spot a Kanuri, Fulani, or a Hausa calabash design at a glance just as he can tell another person's ethnic group by his tribal marks, or spot a Bornu knife among a pile of others.

On the other hand, the inside of a Kanuri gentleman's household is not significantly different from the household of a man of similar rank, wealth, occupation, and education, who lives in Hausa country seven or eight hundred miles to the west of Bornu. They dress in a very similar manner, eat very similar food, and share many of the same beliefs and attitudes about what is the best way to live, make decisions, treat one's family, friends, superiors, and worship one's God. Thus although there are some clear-cut diagnostic features representative of Kanuri culture, the people share in a way of life that is practiced by millions in the Sudan, or southern savannah land border of the Sahara desert.

Gathering the Material

I first arrived in Bornu in January 1956 and stayed there until August 1957. My next contacts occurred in the summers of 1964 and again in 1965, and hopefully I shall return in the future to study specialized topics to deepen my understanding of this society as it changes and progresses in the modern world. During our first visit my wife and I spent most of our time in the small village of Magumeri about thirty-three miles northwest of the capital. This was our home base. From here we also visited other parts of the emirate, especially the larger village of

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Geidam in the north, where another anthropologist, Abraham Rosman, and his wife were working. Discussions with Dr. and Mrs. Rosman helped all of us to see many of the unique features of Kanuri life that stemmed from our particular towns as against more general Kanuri patterns of behavior that were widespread throughout the society. We also became acutely aware of the kinds of variations that could occur across communities as they varied in size, ethnic composition, and quality of the political leadership. At the end of the first field trip, my wife and I spent three months in the capital city of Maiduguri looking at government reports and district notebooks, and acquainting ourselves with many of the special activities that characterize courtly life at the center of the emirate.

In 1964 and again in 1965 I returned to Bornu. On my previous visit the country had been a colonial holding of Great Britain, now it was part of the independent nation of Nigeria. My task in this second visit was to gather statistics on marriage and on divorce rates. But it also gave me a chance to see old friends, and catch up on what had been happening locally since my last visit seven years earlier. Some changes were readily apparent. A large number of deep wells were sunk all over the province, and these now provide enough water for a greatly expanded livestock population. Everywhere the cattle are healthier, fatter, and above all much more in evidence. They block roads and are seen herded in large numbers to and fro wherever one wanders over the countryside. Furthermore the people are less afflicted by parasites because the deep water is uncontaminated, as much of it was not during my first visit. There is now a large modern abattoir and a ground-nut oil refinery in the capital city, and in late 1964 the Nigerian railway finally pushed through to Maiduguri to connect the Bornu capital with Nigeria's national railway system. On the other hand, detailed questions about various traditional practices indicated that there have been few changes at the cultural and social level. At the political level where there were English District Officers and other officials of the regional government, now these posts are filled by Nigerians, generally from other parts of northern Nigeria. However it is for the most part correct to use the present tense in describing Bornu, and when this is not true I will attempt to mention the special circumstances that have brought on the changes.

Magumeri, our home for seventeen months in 1956 and 1957, sits on top of one of the ridges of Bornu, and there is a steep climb onto it from the motor road that travels along the bottom of the ridge for most of the year. During the rains, the road runs along the sandy top of the ridge, to keep clear of the large muddy areas formed at the ridge bottom. Magumeri includes approximately 2000 people about half of whom live in surrounding hamlets within the boundaries of the village area. It is a district capital and thus has a two-room primary school, a court house, and the large compound of the district head who administers twenty-one village areas, containing 50,000 people, living in an area of approximately 850 square miles. The village has a weekly market on Sunday, and is divided up into a number of wards under the village area head who is also the political leader of its surrounding hamlets and officially the political subordinate of the district head. Except for the fact that it has a somewhat lower proportion of non-Kanuri compared to most others, Magumeri is a "typical" Bornu village in terms of its size, occupational ranges of the population, and influences it receives from the capital and the world beyond the emirate. Indeed this is why I chose to spend most of my time

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rope. From North African manufacturers came cloaks, shawls, red felt and embroidered hats for men, sashes, trousers, carpets, religious books, spices, perfumes, and later, cowrie shells. From the desert came tobacco, barley, wild rice, dates, salt, natron, camels, and various assorted medicines, especially *drupa,* a herb believed to induce fertility in women. In return Bornu sent back sewn cloth, hides, leatherwork, sandals, feathers, ivory, gum arabic, Korans, kola nuts, and, above all, slaves. Caravans were large, and the trip was long, arduous, and dangerous because of the desert and its marauding inhabitants. However, just how important foreign trade was in the area is difficult to assess. The ordinary man probably used very little of outside manufacture, but at the capital such goods were considered necessities for people having any pretentions to higher status in the kingdom.

The Colonial Change

Using this description of pre-colonial Bornu it is now possible to discuss the kind of changes that were brought into the area by the inception of British rule at the beginning of the twentieth century. The British came to Bornu in 1901, after it had been occupied for seven years by Rabeh who had been intent on making himself the founder of its third dynasty. The British had not only to bring Bornu under the Northern Nigerian Government but to resuscitate its leaders who had not been in control of the area since 1893. At first they simply left the Shehu to do as he pleased, with the exception of waging war and carrying on the slave trade, which they vigorously put down. However, the idea of fiefs being ruled by lords at the capital seemed grossly inefficient, and they soon ordered that the Shehu choose his best fief-holders and that these be sent out to the locality of their fiefs to govern. Furthermore they decided to consolidate numbers of fiefs into larger units which they now called districts. There followed a tussle between the British and the Kanuri over how many village areas and how many districts there were going to be, the British generally trying to limit the number while the Shehu and his advisers generally tried to increase them. Finally a number around twenty was worked out for the districts and then village areas were incorporated into them. In general these village areas approximate the size and location of former fiefs. However the Kanuri felt that the head of a district was like a titled, local, territorial chief of the nineteenth century who has control over a large number of settlements, so he was called *ajia,* which translates today as a district head. Under him were heads of village areas that included a number of satellite settlements—and this village area head was—like the *ajia,* appointed and turbaned by the Shehu. He was therefore called a lawan (village area head) as was the titled head of a settlement with satellites during the nineteenth century. The difference, however, was that now there was no fief-holder or his representative to whom the local headmen were accountable. The district head held his office directly under the Shehu and the village area heads were directly under the district head. Small wards and hamlets were now headed up by bullama and the term for a bullama's subordinate, the mbarma, fell into disuse and has now almost disappeared.

The mode of appointing and maintaining these jobs led to problems which were never really solved. The Shehu put up names for the district heads who be-

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came a very powerful group of chiefs through whom the kingdom was administered. When these men went to their districts, sometimes they had precolonial ties in these areas as big lords—some of the constituent towns in the district were their former fiefs; sometimes however they were complete strangers to the area. Besides this there was a constant shuffling of different district heads through transfers, dismissals, retirements, and deaths. The various village area heads under each district head were chosen on the basis of investigations conducted by the British colonial officials to find out who among the population had the hereditary right to leadership for a particular local settlement and its satellite communities. Very often there was no tie of previous loyalty between the village area head and the new district head. Previously the problem had been solved by sending out a chima gana or junior lord who represented the fief-holder. He had lived in the fief and created a set of loyal local followers. At first district heads did the same things. They sent out their own representatives—now called chima—to run the village areas in their district for them. This practice was soon discovered by the British and as early as 1910 was declared illegal, although it continued on until well into the 1930s, and there are even some district heads today who admit they use chima to ensure control of their district. In Chapter 6 we will take up this problem again and examine it in more detail within the organization of the district.

The central government of the emirate has undergone a number of significant changes under colonialism. At first the Shehu collected taxes on settled peoples through the district heads and taxes on nomads through two trusted slave nobles. This proved unsatisfactory to the British who very early in the century changed the system so that each district head was responsible for tax collection on both settled and on nomad populations in his district. This weakened the power of the Shehu, but at the same time (*ca.* 1914) the British began enforcing among themselves the idea that they must deal with the Bornu government through the Shehu and his Council. Thus good or bad reports of the district heads or village area heads had to be officially put through the Shehu giving him a great deal of either protective or punitive power over his district and village chiefs.

After 1914 there was an increasing effort to create a working Council for the Shehu with a modern treasury from which local planning could be financed. Starting with only a few members it has grown slowly through the years to function as a cabinet with a Waziri or chief minister at its helm. Each councilor has a portfolio or Native Authority department, such as Education, Works, Agriculture, and so on, and these have central offices in the capital with representatives spread out in district capitals throughout Bornu. The experience in this twentieth-century emirate has produced Kanuri who now take part in regional and national politics so that men from Bornu sit in Kaduna, Lagos, London, and even at the United Nations in New York.

The movement of fief-holders out into the bush to administer districts produced a district capital where the ajia or district head resides. To this capital he brought his urban followers; and to the village as well came the district judge and his retinue. As the Native Authority departments developed, local representatives of the various civil service departments of the emirate government came out to the district capital as well. This makes the district capital a more complex and urbanized center and has forced the effects of such urbanization to spread widely

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throughout the emirate. Roads were built connecting the district capitals to Maiduguri, the major city of Bornu and to one another, and district capital markets came to be among the most active because of the increased population in the district capitals not producing their own goods.

In the economic sphere the colonial era sounded a death knell for the Saharan trade. A dribble of caravan trade still exists, but it was the express policy of the British to face Bornu around and turn its trade toward Nigeria and the Nigerian ports. Caravans were heavily taxed, and European trading companies were encouraged to move into Bornu and start circulating cash and cheap import goods. These few large English and French trading companies encouraged the appearance of a corps of Levantine traders who are ubiquitous in West Africa. They take credit from the large companies, giving it out again to large numbers of Africans who buy and sell for them. By the second world war ground-nuts were a well established cash crop, marketed through these companies although controlled by the government. When inflationary boom prices for ground-nuts hit Bornu after the war, the people were ready to take full advantage of it and there was a surge upwards of consumer buying, so that radios, bicycles, and many other industrial commodities became part of local life. On the other hand, judging by the surprise registered in the annual reports of the colonical officials, the government was a little stunned at first to know what to do with its increased revenues. However a host of new improvements began to be an accepted part of life in the public sector, just as new import items became common to the private sector. The most recent of such changes has already been mentioned in Chapter 1. After independence, the digging of deep wells increased the cattle population enormously and has provided a basis for further development in the area. This, then, is the Bornu background. It is a long and eventful one—and the people are proud of it. For an anthropologist, one of the most intriguing questions to ask is "why"—why has Bornu lasted so long in this area? Why has it adapted so well to modern times? It has absorbed Shehu Laminu's destruction of the Sefuwa dynasty, Rabeh's conquest, the colonial overlordship, and national independence in its calm stride. Its leaders and its people are remarkably stable—yet not enslaved by tradition. Indeed they strive to change and develop Bornu and their future is a bright and hopeful one. In the chapters to follow I hope to provide answers to these questions in order that we may ask them again after considering in more detail the quality of life in Bornu.

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price at this time of year for nearly everything, including weddings and bride-wealth, goes up.

When all the exchanges are completed everyone participating in a wedding gets some present of money, food, and clothing. The *luwali*, especially at first marriages, gets the bulk of the bridewealth and distributes the rest to the girl's family both on her mother's and her father's side. After the first marriage the girl tends to keep more and more of the bridewealth for herself, giving the *luwali* what amounts to a fee for serving as the official bride-giver. It is also important to note that when there are disputes between a husband and wife, the first person to whom both turn for arbitration is the *luwali*.

The Kanuri think of getting married in several ways. First of all they divide all marriages into first marriages (to take a girl or a small girl), and secondary marriages with a divorced woman (to take a woman or to take a divorced woman). First marriages take place for a girl around the time of puberty, while boys do not marry until they are in their late teens or early twenties, and young men of twenty-eight and twenty-nine who have not yet been married are not hard to find.

An interesting sidelight on marriage with previously unmarried young girls is the ambivalence men feel about it. Men obtain much prestige from such a marriage. But its cost invariably puts a man into great debt, and consummation of the marriage itself, traditionally, is a semi-public affair in which old women related to the girl sit outside the marriage hut and whisper to their newly-wed relative that she must resist the advances of her husband. They do this until very late at night or until they are given some proof of the girl's virginity by the husband. They then make a fearful clatter in the town or village to announce the premarital chastity of their young relative. Standards of personal appearance and sexual attraction are important to Kanuri men and center on more sexually mature women. Such standards deal with hair style, facial symmetry, type of walk, and other physical attributes and skills, as well as ability at wifely chores. None of these attributes are in any degree well-developed among young girls, so that the man must control himself and almost publicly proclaim his manhood and sexual prowess with a young girl who is not defined as sexually exciting by the culture. This causes much anxiety and I have seen men praying almost continually for several weeks in order to gain the strength to carry out a virgin's consummation. It is important to note that when some western educated Kanuri talk about marriage they immediately fasten on this semi-public consummation of the girl's first marriage as a custom that will be dropped in the future, and certainly one they do not intend to carry out or even allow in their lives. From the girl's point of view, as education in western-style schools becomes more common and the length of time in school increases, then the time of first marriage for the girls will move ahead. At present however there are only a handful of Kanuri girls who attend schools beyond the age of traditional marriage.

But what is the basis for the conflict? Why are men willing to suffer to gain such an unattractive wife? Men always explain it in the same way. A young girl has never been touched sexually by other men; he is the first; he can train her as he likes, and teach her to be a proper wife to suit his own personal wishes. Besides, it is a good Muslim custom, they always add, as they do about almost every custom when they are asked. In this case they are correct, for such young marriages are very

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241 cattle have not broken into and eaten the produce, very little work is required in
221 cultivating crops. Thus work on crop production is concentrated into less than six months leaving the rest of the year free for other activities.

241 Although almost all Kanuri households obtain some food and some cash
433 from their farm plots, the amount of farming varies from person to person, from
434 village to village, and even for the same person from season to season. In the city,
592 many people have dropped farming and manage to earn enough cash income to furnish their needs from the market. In the villages some households, usually in areas of good soil and water supply, produce agricultural surpluses, while in other areas the farm work provides only part of the household needs. Again some farmers tend to produce fairly similar amounts of grain crops per year while others fluctuate, so that they produce practically nothing some years and large bounties a few years later. Increased prices of ground-nuts and guinea corn stimulate greater household farming activities while trade and other nonfarming activities may interfere with a man's farming. Sickness in the compound as well as blight and soil depletion tend to decrease agricultural proceeds, and finally in the rural areas increase or decrease in household size, especially in the number of wives, all tend to affect the fluctuation of crop proceeds from one household to another or within the same household over time. People who report themselves to be primarily farmers produce more than those who report themselves to be craftsmen, although for the Magumeri area the difference, when measured, does not seem to be very great. On the other hand, traders and political and religious specialists seem to produce approximately one quarter to one third as much on their farms as other people, and many in this category do not farm at all.

241 The importance of wives has already been noted. The number of wives
464 available to any cultivator, as well as the number of his male subordinates in the
592 household, is the major factor affecting crop production. The high divorce rate
593 makes this primary source of labor somewhat unpredictable for each farmer. On
[433] the other hand it also helps to stabilize marriage. Thus the more men depend upon help from their wives the less likely they are to divorce them, although their efforts in this direction are never completely successful and the insecurity of farm help is always there. The insecurity can be alleviated by using sons or clients or laborers,
[470] all of whom require payment in some way for their help. All rural Kanuri at times help their neighbors, their relatives, or friends to farm and often a group of such men get together to help one another in a cooperative work gang and then reciprocate by helping each other in turn. Thus although many Kanuri do move around in
241 Bornu, farming favors the most stable who can build up social relations in one
571 place that can be utilized in the form of labor to offset the possible insecurity caused by the ever-present high divorce rate.

241 To make the situation more complicated many Kanuri are not rooted in the
57 land emotionally. It is part of both the traditional and contemporary Kanuri con-
183 ception of getting ahead in the world that personal advancement is not to be found
[557] in farming. Achievement in Bornu is seen as stemming out of profitable social rela-
[197] tionships and more recently western schooling. If it is judged to be personally
[807] profitable for an individual to leave his farm work in order to become someone's client, there is little hesitation. Men asked me to take them on as clients and give
[123] them some money for trading purposes. They offered to travel anywhere in Bornu

their families were not butchers in times past but conditions have forced them to "take up the knife." The craft requires anatomical knowledge of animals and a skilled use of the knife to cut and clean them. Besides this it necessitates continuous relations with cattle owners, many of whom are Shuwa and Fulani nomads who wander through the area.

Mala Bukar lives with his two wives, the younger of whom has a small child aged three, and two *tada njima* who are his apprentices. There are five huts in the compound, one each for the wives, one for Mala Bukar, one for the two apprentices, and one for meat storage. The apprentices are both unrelated to Mala Bukar by kinship, but both are the sons of butchers who are well known to him. The young boys explained that they wished to travel about the country before they settled down as butchers in their home villages. They treated Mala Bukar as they would their own father giving him all the subordination and respect due to a compound head. Mala Bukar's immediate neighbors, one to the north of him and one just to the east of him, are his younger brothers. One sells hides and skins, the other is a butcher and works closely with him although they generally butcher separately. They do, however, buy from nomads together, and often the younger brother looks after Mala Bukar's stall in the various markets they journey to together. The three brothers inherited their "house-farms" from their father. Mala Bukar—as the older brother who took over his father's household—took half while the other half was divided between the two younger brothers. Since then he has cleared one plot in free land far from town, and his apprentices are busy clearing a new one which Mala Bukar says is being cleared to replace an old one used for the last time several years ago (it is now fallow). The apprentices are also clearing small plots of their own near to the one they are preparing for the butcher and hope to get some extra cash from ground-nuts. Generally Mala Bukar estimates he obtained about ten bags (one ton) of millet and three bags (600 pounds) of ground-nuts.

The farm work itself is done by Mala Bukar's two wives and his apprentices who do not work together because it would be considered shameful for them to have to interact socially for any length of time. Mala Bukar decides on what is to be planted, when, and in what plots. He also decides on hoeing dates, and the time and scheduling of the harvest. The wives do less actual work in the field than many of their rural counterparts because of the apprentices, although they still take or send out cooked food to the boys during the hoeing season. Mala Bukar also gives his wives the hooves of slaughtered animals which they are able to sell for extra spending money.

The work schedule of the household is tied to the supply of Mala Bukar's meat and local demands for it. During the dry season he slaughters mostly sheep and goats while the rainy season which brings the cattle nomads is more heavily the time for beef preparation. He almost always butchers on Saturdays, the day before the village market day, and may do some more on Sunday if selling is brisk at the market. During Sunday he hears about conditions in the villages close by that have markets on Monday and Tuesday. If demand there seems promising, or if he has unsold stock, he attends the Monday and Tuesday markets as well.

Even with the apprentices, however, his turnover is not excessive. In the dry season he kills about four goats and/or sheep per week, and once in a while, usu-

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man and can well afford his car, chauffeur, and new cement-block compound with electricity and running water. Besides the scale of his operation which is quite large relative to Bornu enterprise in general, his way of organizing things is also typically Kanuri. Instead of an office building with secretaries, dictaphones, telephones, the uncle has built up a series of relationships among a set of dependents. These relationships are modelled on and grew out of exactly the same kinds of relations that exist in the Kanuri father-son relationship within a Kanuri household.

The remainder of Bornu trade is handled through a system of small and large companies. The large companies are European in origin, and until a few years ago each handled as much of the trade as possible. Today these large enterprises are increasingly African staffed, usually with southern Nigerians, and each tends to specialize in a few particular lines of the export-import trade. Besides these large enterprises there are small "canteens" (stores) run by Levantine traders and now increasingly by Kanuri traders themselves. These shops obtain stocks from the larger companies and sell to both consumers and wholesalers who hope to sell in smaller quantities.

In recent years the pattern of local economic life has changed but little. However, in the Bornu economy as a whole several new lines of development have started that are a far cry from the past. To the north of the capital city of Maiduguri in an area marked "industrial" on the provincial engineer's maps there is now a modern ground-nut oil mill and further to the east of this a large modern abattoir. In future years food processing and even manufacturing plants will appear in this area of the city. Secondly, the capital city itself is experiencing a building boom as the wealthy replace old mud houses with new ones made of concrete block. This plus the continual expansion of government buildings has produced a lucrative building trade. The local Bornu emirate government has in the past few years decided to spread its contracts out among many aspiring young building contractors, thus producing not one or two large companies but a growing number of small entrepreneurs who are gaining experience in business. This has also led to a local expansion of the concrete block industry which can easily be set up along the river where the sand is available and hand labor can be used in conjunction with cheap steel molds for making the concrete block.

Finally wealthy Kanuri men in the political system and in trade are beginning to look at the possibilities of investment as a form of wealth production. Some are buying property in the city for the rent income, or building on the land and then renting it; others or sometimes the same men are buying up adjoining small farms to the southeast of the city and turning them into mango and lemon orchards. One of these has even invested in a concrete block house at the back of his orchard that he intends to turn into a modern chicken farm with imported hens and roosters from the United States.

All of these developments seem to point away from household economy toward wages, urbanization, and the impersonality of western society in its workaday life. Will it happen? When will it happen? These are questions upon whose answer rests an entire way of life, for today the Bornu economy is essentially as described in this chapter yet these roots of change are growing points that are encouraged by the national and local leaders and by the western educational system. How much they will in fact transform the local life is a matter for future research.

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The District Organization

In Bornu the lawan represents a link between the higher political authorities and the ordinary peasant. To the people in the rural areas he is the most apparent and easily reached member of the ruling classes. Their hamlet and ward heads are leaders but only in a local sense, while the lawan represents the authority of the central emirate government since he is officially appointed by this body. To many ordinary villagers the exact nature of the political organization above the level of the lawan is not at all clear. They know that beyond the lawan there is the district head and above him the Shehu of Bornu, but the various councils and agencies of the emirate government are things they know very little about in detail.

In terms of the emirate as a whole, however, the district head and his organization of the district is the pivotal political focus in Bornu. His is the office through which all central government policies from the capital are translated into action at the local level. Conversely, if there are any disturbances, irregularities in tax revenues, increases in crime, migration out of the district, or failure in any policy goals or action programs, it is to the district head that all the agencies at the center turn for an explanation.

To the lowly peasant the district head is a man in another world, a world of awesome power, riches, and courtly life. A lawan may go abroad to oversee a new well in one of his hamlets, or to mark off the boundaries of a new farm plot, or to take a tax census, but the district head rarely ever leaves his compound except for the occasional trip to oversee nomad cattle taxation, or to appear in some local ceremonial, or to attend the Shehu's court in the capital. When he does venture forth, it is a royal sally to the playing of pipes and drums, with a troop of galloping horsemen and servants brandishing swords, spears, and muzzle-loading guns. Today this is being changed somewhat by the motorcar which carries the district head quickly and silently, but district heads can still create quite a stir when they wish to go forth officially among the people.

The district organization is basically quite simple. Each of the twenty-one districts in the emirate is identified by the name of its principal village (in some cases these are quite large towns), and this latter serves as the district capital. In this capital lives the district head and his followers and all the district representatives of the various emirate civil service agencies. These include such installations as a district courthouse for the Alkali (judge) and a primary school formerly up to the end of Standard IV, now almost universally up to secondary school entrance. Formally, the district head is responsible for the administration of all the village areas and any nomadic population that may be living within the confines of the district.

The district head is appointed and installed by the Shehu in consultation with his council and the local representatives of the Northern Nigerian government. Only high ranking men in the state are considered and almost all the present district heads are sons of men who held a similar position. There is a growing tendency to try to get men who have some western education, but as yet many of the present district heads speak no English and have not attended western schools. In

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larly as his representatives. The wakil also makes regular visits to important emirate leaders and tries to maintain a constant check on political developments in the capital and the emirate as a whole. Through this organization and through the giving of gifts and hospitality to visitors and messengers from the capital, as well as cultivating high placed friends, the district head maintains and builds up a communication network through which he obtains a many-sided picture of events in the capital.

District heads are also linked to the capital by their membership in factions that help to make up the political life of the emirate. In pre-colonial times these factions grew out of the allegiance of nobles to the various segments of the royal lineage. This indeed was the reason the succession disputes to the throne could turn into bloody civil wars. These same traditional factions still exist today, but there have been added new ones which involve close alliances between very powerful men in the emirate government. These reflect the weakened authority of the Shehu, and the increase in power and authority of the Native Authority officials in the top positions of the emirate government. District heads linked to more powerful factions receive better information about the course of emirate politics and more protection when they need it than those related to weak ones. Thus one district head might be linked to a member of the royal family who has no official position in the Native Authority and who has little hope of gaining the throne; another might be closely linked to the Waziri or chairman of the Bornu Native Authority Council. The latter district head, because of his factional membership, is in a much stronger position in the emirate political organization as a whole than is the former. These links to the center both official and unofficial must be carefully developed and maintained by a district head. This is especially true when it is realized that a district head like any other member of the Bornu political system operates within two cultural orientations—one western and the other traditional Kanuri. The district head should give gifts to subordinates, to his faction leaders, and to many other powerful people in the state. From a western point of view these can be seen as bribes, while from a Kanuri vantage point they may be looked upon as obligatory and legitimate recognition by the district head of the power and protection that can be wielded by his superiors in the central government of the emirate. Since such expenses are not provided for in the district head's official salary, the means by which he obtains the wealth to make such gifts often involves breaking rules according to strict western civil service standards, although again such activities might be considered legitimate by local tradition.

The central focus of this behavior revolves around tax collection. The district head is seen in western terms to be an agent of government who collects taxes and is paid a salary for this and other services. However, he needs to maintain a large following who are not provided for by government if he is going to collect nomad cattle taxes. These men must ride out over the entire district—often several thousand square miles—to collect the tax. To keep these men as his tax collectors he needs much more revenue than his own salary. If he does not collect the tax, or enough taxes, he will be punished by dismissal or transfer to a smaller less prestigious district. He has very little choice; in order to keep his own organization going and to maintain friendly contact at the center by gift-giving, he must take some of the district's tax revenue for himself. This makes him vulnerable at all times; to comply with some demands which are deemed important he must break others

1: Cohen E-4,5 (1956-1965) 1967 MS14 Kanuri MS14

bodied in his title, "commander of the faithful," and is expressed ritually in a number of ways. Thus at the feast celebrating the end of Ramadan (the annual Muslim fast), a special ram of the Shehu is killed by the chief religious leader of the state. No one considering himself a citizen of the emirate and a subject of the Shehu is supposed to kill his own ram for the feast day until the royal ceremony is completed.

At all annual festivals and state occasions, and every Friday to a lesser extent, the Shehu is attended at his palace by his court and representatives of the people. The court includes members of the royal family, title holders, the Native Authority council members, and any district heads who may be in the capital or their city representatives who sit outside the royal courtroom. Into the royal presence come representatives of each Native Authority department, representatives of the religious leaders of the community, a sample of school children, leaders and representatives of the various occupational groupings under their own headmen. Each group gives symbolic pledges of loyalty and obedience to the throne by saying prayers for the health and welfare of the monarch and the state. The people, including the nobles, go down on their knees to the monarch, stand when he stands, remove their shoes in his presence, and speak to him only indirectly using terms of reverence and respect.

It is difficult to assess what real power the Shehu has in the emirate government. The present incumbent is a very old man, and for the last decade or so the bulk of administrative affairs have been handled by the Native Authority Council under the direction of the Waziri. Whether this now indicates a trend toward constitutional monarchy or whether a new, younger and more vigorous Shehu would reassert the power of the throne is a question that is fascinating but at present not capable of being answered. Certainly the Native Authority Council and the various departments under the council are new and growing powers in the contemporary society, but the district heads are formally responsible to the Shehu. Since the district heads are still very powerful members of the political system, a new Shehu could conceivably affect policy and the administration of the emirate very considerably through his influence on these men and their appointments. It is also very possible that he would influence the Native Authority Council itself and appointments to that body. Potentially the office is a very powerful one, and it seems unlikely that its power will diminish in future since the instruments of power are available to anyone occupying the throne who wishes to use them.

The main business of government of the emirate is handled on a day-to-day basis in the Native Authority departments, which are coordinated with similar departments in other emirates of the province under the Bornu Provincial Government which in its turn looks to the Regional Government of Northern Nigeria for policy directives that are regional in scope.

The personnel of the Native Authority departments form what has come to be called a new class in the society. They are salaried bureaucrats who work in offices and generally have some form of western education. They wear wrist watches, read English and vernacular newspapers, listen to the radio for both local, national, and international news, go to political meetings, join civil service associations, and think of themselves as urban even when they are stationed in the rural

1: Cohen E-4,5 (1956-1965) 1967 MS14 Kanuri MS14

practically impossible since it meant rejecting your own superiors, not your job, and it would be similar to someone in a household saying he was fed up when he decided to leave. Thus in Kanuri cultural terms, changing a job means rejecting the people with whom one works, and young men claim they would be considered ingrates and trouble-makers if they were to attempt such a thing. Transfers, if they are to be accomplished at all, must be done through relatives and friends who can "visit at night" with the appropriate people and explain the ins and outs of the case so that things can be arranged on this personal basis first before any impersonal bureaucratic procedures are utilized.

On the surface the emirate civil service looks very westernized. There are offices, typewriters, clerks, officials, expense vouchers, committees, memoranda, telephones, employee organizations, etc. However within the service, traditional patterns of association are still very strongly observed. A man lifts the telephone and traditional greetings and modes of address to a superior flow forth and color the conversation. People leave their shoes outside a superior's office, and so on. Under these superficial cultural acts there are other things as well. "Big men" (senior officials) have large compounds linked to a number of clients who live either in their households or close by. Some of these subordinates have positions in the civil service. Others form part of this big man's own group of followers; he must be approached through this group and he uses it to maintain his position and prestige in the state. It is also important to understand that the western concept of loyalty to an ideal of public service is not widespread as yet. Top leaders are committed to the maintenance of order in a just society that is becoming more modern. Within the Native Authority, department loyalties are to one's superiors and personal advancement is through loyalty and generalized obedience, just as it always has been in Kanuri society, and not to an abstract ideal of public service and bureaucratic efficiency. This does not mean that rationalized bureaucratic behavior will not become more common in Bornu. Indeed everything we know about modernization suggests that this is inevitable. However, it does mean that at present the society is not divided into strict sectors, one labelled modern or western, the other traditional. Instead, each of these permeates the other so that everything new and modern is shot through with traditional culture, and everything traditional has aspects of the modern.

Representative Government

For most intents and purposes the political organization of the emirate is carried out within the system of offices and agencies described above. However there are today the bare bones of some other kinds of organization that are quite likely to prove important in the future. During the 1950s and continuing on to the present time, each district has had a local district council. This body is made up of members from all over the district, sometimes the village area heads, sometimes people appointed by them. They meet only a few times a year for one or two days under the chairmanship of the district head and discuss local affairs. These meetings are generally attended as well by members of the departments of local government from the capital. The councils have a budget based on a small proportion of

1: Cohen E-4,5 (1956-1965) 1967 MS14 Kanuri MS14

What about larger organizations like the emirate political hierarchy and the trading organizations based on stores or canteens, that is to say, modern business enterprises? These obviously contain people who are not members of the same household. Certainly this is true, but often, as in the trading organizations, junior clerks in the store did at one time live in the household of the store owner or still do live there. Much more important, the Kanuri claim, is the fact that the proper way to behave in a political or economic hierarchy is the way one behaves in a household organization or a set of linked households. The junior in the organization gives *bərzum* (or discipline-respect) to his superior and in return he receives the benefits of membership, that is to say, he receives a social and political status, protection, and economic gain, for the loyalty and obedience which he delivers to his superior. This to the Kanuri is the most important single behavior in social life. It is learned in the household and then used to link households and individuals together in all of the organizations that are important in the society as a whole. The inference here is that the society is basically and essentially hierarchical—one in which most relationships are of a superior-subordinate variety—and indeed this is true except for friendship groups that do not, however, carry on many of the fundamental activities in Bornu.

It is because this underlying unity is still so firm and central a feature of Kanuri social life that I have not stressed the fact that my trips to Bornu straddle the historic fact of Nigerian independence. Political independence has brought no change in the way in which the bulk of the Kanuri organize their social life and live out the contents of their daily lives in their households, their villages, and their emirate. These modes of behaving have ancient roots in the area, and independence has not witnessed any widespread attempts to change things or to create new modes of organizing the social life of the emirate. Top administrators are now Nigerians, not British colonial officials, but what and how they administer in Bornu is roughly the same as it was in the pre-independence era of the 1950s. When I spoke to some of the leaders of the emirate in 1965 about their understanding of changes that might occur in the political system or the way in which the emirate was organized, they commented that the system was efficient and could serve as a stable, trustworthy form of local political organization through which any changes might come and still keep Bornu as a viable entity for a long time in Nigeria's future.

What is different today, and different only in degree, is the commitment to modernization on the part of top leadership and the initiative they are willing to show in this regard. The leaders are committed whole-heartedly to expanding western education, obtaining better health services, and decreasing disease. They also hope to increase productivity in agriculture and introduce the beginnings of industrialization into Bornu. Steps are being taken in all directions, and only the future can tell what of the past will actually enter into a future that at least on the surface seems in its ultimate goal to be so different from the majestic past and the present of the Kanuri of Bornu.

175 of the empire. In the latter part of the fifteenth century (ca. 1470) the empire was consolidated and the city of Birni Ngazargamu was founded on the River Yobe. It remained the capital of the empire of Bornu for 350 years. In 1507 the former capital of Birni Njimi was recaptured and Kanem became a province of [172] Bornu. The site of Birni Ngazargamu is twenty-five miles from the present town of Geidam, and its extensive ruins can be seen today.

During the end of the sixteenth century and the beginning of the seventeenth century, the empire reached its zenith. Its boundaries stretched to Fezzan in the north, beyond Kawar and Tibesti, to the Nile in an easterly direction, and to Dikwa and 175 the districts south of Lake Chad. Many minor states paid 177 [148] tribute to Bornu. At that time Bornu was in close contact with [487] both Egypt and Tripoli. Controlling the southern terminus of the shortest trans-Saharan caravan route, which ran from Tripoli through the Fezzan and the oasis of Bilma to Lake Chad and Birni Ngazargamu, the empire of Bornu was in regular contact with the [411] Mediterranean area in earliest times. Guns were introduced into Bornu from Tripoli at the end of the sixteenth century [179] and became a factor in the expansion of the empire. Via these established trade contacts, Islam came to Bornu in the eleventh [183] century. With the coming of Islam came also the tradition of study and learning which has persisted as a part of Kanuri culture.

175 567 [439] The institution of slavery had always been a part of this

175 The Shehu of Bornu,
648 however, remains as the religious and political head of the
643 Kanuri people.

C. The Ethnographic Distribution of Peoples in the Area.

197 1. Linguistic Classification.

The Kanuri language, according to Greenberg's classification, is part of the Central Saharan language family, one of the twelve genetically distinct language families which he has isolated in Africa. The Central Saharan language family includes Kanuri, Teda, Dazza, Zaghawa, Baele, Bideyat and Berti, all in contiguous distribution. The Kanuri are the southwesternmost extension of this language family. They are almost completely surrounded by people speaking languages of the Chad family. These include: Hausa, Buduma, Kotoko, Mandara, Marghi, and Bolewa. In this solid block of Chad-speaking peoples the Kanuri form a peninsula of Central Saharan speakers, related to
[174] languages far to the northeast. This is in agreement with the historical sources which trace the movement of the Kanuri into Bornu from the area northeast of Lake Chad.

2. The Major Groups.

648 The historical factors which led to the development of the
• 177 empire of Bornu and determined its relations to neighboring peoples and states are reflected in the cultural distribution of
[171] peoples in the area today. The Kanuri are one of the many Mos-
[179] lem peoples stretching in a wide belt across the Western Sudan.

To the immediate west of the Kanuri are the Hausas over whom the Kanuri once ruled. Signs of the early relationship between Hausa and Kanuri are still in evidence. The Hausa chief of Zinder, a large city in Niger north of Kano, still sent gifts to the Shehu of Bornu as a mark of allegiance upon being appointed to office by the French authorities. The Shehu in British Nigeria then sent him in return a ceremonial robe of office.

The Fulani have continued to infiltrate into Bornu and are numerous in the western sections of the province. In similar fashion, the Shuwa Arabs have in recent times been moving into Bornu from the east. The Shuwa represent the westernmost penetration of the Arabic-speaking African peoples. They are found concentrated in the southeastern sections of Bornu, in the region of Bama and Dikwa. Both the Fulani and the Shuwa are semi-nomadic pastoralists, living in a partially symbiotic relation with the agricultural Kanuri.

3. The Resistant Groups.

The Cameroon highlands, sixty miles southeast of Bama, remain the outpost of pagan peoples. The people of the Gwoza hills, one of the last "unpacified" areas in all Nigeria, still continue to resist their Moslem neighbors of the plains, as they had throughout the slave raiding of the Bornu empire. Some seventy thousand people, comprising a number of tribes and speaking several languages, live in the secure isolation of their mountain stronghold, resisting equally the penetration

177 of Moslems and Europeans.

4. Peoples acculturated to the Kanuri

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101 A circle of peoples surrounding the Kanuri have become, in varying degrees, acculturated to the Kanuri. These are relatively small groups who today are part pagan, part Moslem, and who speak Kanuri as well as their own individual languages. They lie in a sweeping circle along the borders of the area occupied by the Kanuri.

Directly east of the Kanuri, along the borders of Lake Chad and on the innumerable islands in the lake itself, live the Buduma. They probably represent part of the indigenous population of the plains of Bornu, forced into the inhospitable environment of the lake by the incoming Kanuri. Buduma living on the shores of the lake and in constant contact with Kanuri are Moslem and very Kanurified (acculturated to the Kanuri). Those in the interior are neither.

South of the lake and southeast of the Kanuri towns of Dikwa and Bama are two large tribes, the Mandara and the Kotoko (or Mogori). Kotoko towns like Segel, on the border of Chad, whose inhabitants are in immediate contact with the Kanuri from nearby towns, are very Kanurified. The people of Segel all speak Kanuri in addition to Kotoko, but the Kotoko are a distinct group. The Mandara, Moslem like the Kotoko, are more strongly identified with the Kanuri. Many individuals of Mandara origin live among the Kanuri and have adopted Kanuri cul-

ture. Many slave families among the Kanuri today were originally Mandara. The Mandara live to the immediate east of the mountainous area inhabited by the Gwoza pagans, and Mandara is the lingua franca for the Gwoza hills.

The Marghi of Damboa District, just west of the Gwoza hills, are perhaps the clearest case of a group which, though still identifiable as a distinct people culturally, is fast losing that identity and adopting Kanuri culture. The Marghi, up to recent times, served as a source of slaves for the Kanuri. Famous Kanuri title holders were Marghi slaves, called by the surname 'Marghi'. In Bornu Province they have become entirely integrated within the larger Kanuri society, within the present Kanuri-dominated political system, and within the urban-oriented economy of the area which looks towards the Kanuri capital, Maiduguri. Although older people among the Marghi still speak their own language, it is very common to find younger generation Marghi who have never learned Marghi and speak only Kanuri.

The Babur people live in the hilly upland area directly south of the Kanuri, centering around the town of Biu. They remain a part-Moslem, part-pagan people. The Bura and the Tera are sub-groups of the Babur. The upper classes of the Babur are entirely Moslem, and speak Kanuri. Many Babur have moved to Kanuri towns, particularly to Maiduguri. Often, after being accepted by the Kanuri community, they seek to deny affiliation with the Babur and call themselves Kanuri.

The Bolewa, southwest of the heart of Kanuri territory,

177 563 101 are a more distinct group. The Bolewa are one of a number of small tribes in the area centering around the towns of Fika and Potiskum. However, while the Bolewa are a Moslem people, the Kerekere, Ngizim, and Ngamo, who all live in the same area, are pagans. Since this region was under the direct control of the empire of Bornu, the Moslem Bolewa are oriented towards Bornu and the Kanuri. The upper classes of the Bolewa speak Kanuri. The Kerekere, Ngizim and Ngamo show little sign of Kanuri influence.

Lastly, the Bede of Gashua are a group completely surrounded by Kanuri. The town of Gashua lies eighty-three miles west of Geidam, between the Kanuri towns of Nguru and Geidam, both of which are larger than Gashua. The Bede have retained their own language, though almost all Bede speak Kanuri as well. They are a part-Moslem people, acculturated to the dominant Kanuri who envelop their small area.

177 563 [715] [636] The various peoples mentioned above are culturally distinct groups living along the borders of the area of the Kanuri and in constant contact with Kanuri culture. During the time of the empire of Bornu they were all to some extent subject peoples of the Kanuri. As a result they have become acculturated to the Kanuri, but have retained their identity as separate groups. This process is different from that of groups of people who inhabited the plains of Bornu at the time of the coming of the Kanuri and were subjugated and absorbed by the Kanuri. They have not become completely submerged, for they may still exist

177 563 as localized sub-cultures of the Kanuri, of which there are many. However, they are Kanuri culturally and recognize themselves as such.

D. The Over-all Forces Affecting Kanuri Culture.

161 The Kanuri number over a million. Three-quarters of a million Kanuri live in Nigeria. The Republic of the Niger is largely Kanuri in population in its southwestern sections.

178 105 177 The culture of a people never remains static; it is constantly changing in response to forces, both external and internal. Among the forces instrumental in bringing about changes in Kanuri culture one could cite the introduction of Islam and the concomitant changes occurring in its reinterpretation by the Kanuri; the economic ties with north Africa; the influences of the indigenous population of the Bornu plains as the Kanuri peoples moved into the area; the adaptations demanded by an expanding political system; and finally, the changes resulting from a decline of empire and ultimate conquest. Significant changes are occurring in Kanuri culture today, brought about by contact with Western civilization. The effects of European influence are strongly felt in many areas of life.

1. The Political Situation.

648 [01] At the time that this study was carried out (1956-1957) Nigeria was a British colony, under the political control of the British colonial office. The political situation has changed

665 178 Movement (BYM) has become a powerful force in Maiduguri where it elected both representatives in a direct election in 1956. This represented a serious blow to the traditional Kanuri ruling class, and is an indication of important changes in attitude toward traditional leadership in Kanuri culture. It is interesting to note that these changes have been occurring among the most acculturated segments of the population, in urban Maiduguri.

2. Education.

871 177 [872] Accompanying British rule, a general education system has been introduced in Bornu. Primary schools exist in all the larger towns, staffed by Kanuri teachers who speak English and have received some training as teachers. Of the school age 871 829 population only two to three per cent actually attend. Parents resist sending their children to the schools as they see little to be gained in school attendance, and the child, when sent to [792] school, is an economic loss to the family. They would rather send their children to Kanuri Malams, scholars of the Koran, where they are taught to pray, and to read the Koran by rote. If a child should show aptitude in such studies he would be encouraged to continue studying the Koran with important Malams. [554] Such study is considered more vital, more important, more prestigeful and ultimately more useful than study in the primary school.

871 Since attendance in the schools is to a certain extent

Since attendance in the schools is to a certain extent compulsory, it is necessary at least for Village Heads and District Heads to send their sons to school. In addition, political advancement under the current system demands a certain amount of education. Thus a paradox: it is necessary to accept certain non-Kanuri values, to be educated outside of the traditional Kanuri system, in order to succeed in the political system which has become incorporated as part of Kanuri culture. Young men who are graduated from secondary school are trained as sanitation officers, agricultural assistants, veterinary assistants, medical dispensers, hides and skins inspectors, clerks, and school-teachers. They function as a professional class, and they are called 'Malam', an extension of the title given to a learned man which formerly meant a scholar of the Koran. The presence in a town of veterinary Malams and dispensary Malams, often the sons of Village Heads or District Heads, provides a slight incentive to ordinary villagers to send their sons to school, since these Malams are salaried employees of the Native Authority. Often the Malams themselves go into politics and seek appointments as Village Heads or District Heads, following their fathers. Thus they return to traditional leadership in the Kanuri community.

3. Economy.

Perhaps the greatest changes which have occurred in Bornu Province are economic--Bornu today is part of the world. The

178 though there have always been people who walked or rode donkeys.
788 The modern pilgrimage is usually made by truck, or by chartered
556 plane from Maiduguri to Mecca. A wealthy man, and this usually
441 means someone engaged in trade, can travel to Mecca and back by
[509] plane for the sum of 120 pounds sterling.

4. The Social System.

• 177 Many of the political and economic changes brought about
178 by the increasing integration of Kanuri culture within the greater orbit of Western culture have resulted in further internal changes within Kanuri life. These are clearly manifested in the shifting patterns of the social structure of modern Kanuri
175 society. At the time of the empire, before European contact,
565 the aristocracy was a clearly defined social class whose membership exercised political power, controlled available sources of wealth, and enjoyed the prestige deriving from nobility of
[554] family. These characteristics were unified and symbolized in a title conferred upon a man by the Shehu and inherited in a gen-
565 eral sense, along with wealth and political office. Many of
178 these wealthy and powerful aristocratic families continue to exist today, and most of the District Heads and other important political figures are members of such families.

Although the controlling leadership of Kanuri society today can still be traced directly to the aristocracy of former times and still bears many of its characteristics, the system is no longer as stable and as self-perpetuating as it formerly

178 of the Kanuri, and the advantages which they have brought are readily understood. Other material changes--the postal system, telegraphs, electricity in Maiduguri, and the Maiduguri airport--only affect a small part of the population in the cities, and consequently are of minor importance.

654 178 Deliberate attempts have been made to institute changes in certain areas of Kanuri culture, with varying degrees of success. Agricultural programs have been introduced through the Bornu Native Authority. Veterinary and Forestry Depart- [745] ments also exist. Dispensaries run by Kanuri Malams exist in the larger towns. There is a hospital in Maiduguri staffed by [757] two European doctors. The Kanuri prefer their own form of treatment and rarely go to the dispensaries or to the hospital when ill. Nor do the Kanuri dispensars themselves have much faith in the medications which they distribute.

E. The Dynamics of Acculturation

101 The town of Geidam, in which the present study was carried [643] out, is in the northern part of Bornu, among a Kanuri sub-group 131 known as the Manga. Geidam is twenty-five miles south of Nigeria's northern boundary, a remote and somewhat isolated town 134 in one of the least developed provinces of Northern Nigeria. It is a town of mud surrounded by a world of sand, and the presence of the desert to the north is felt everywhere, in the land and in the people.

177 Though Kanuri culture is still an integrated and function- 121 ing whole, the influence of the Industrial West is bringing about

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121 significant changes. Remote as Geidam is, it is bound with ever increasing ties to the larger world. While Geidam is in a sense the center of its own small world, it is at the same time a minute part of an immense and continually expanding economic and political system.

This study focuses on changing Kanuri culture, on the process of acculturation. An acculturation study must begin with changes in the behavior of individuals. Yet the concept of culture comprises more than the behavior of individuals. It is concerned with behavior which characterizes a social whole, or segments of a society. When changes in the behavior of individuals are incorporated by the groups to which they belong, acculturation is occurring.

If one views acculturation in this way, it is clear that not all members of a society will show initial changes in cultural behavior, nor will changes occur at the same rate for all members. It is postulated here that one of the critical determinants of rate and type of acculturation in an individual's behavior is that individual's position in the community social structure. Because of their position in the society, certain individuals are in better positions than others to learn new things, to change in their thinking, their aspirations and their overt behavior. The rate of these changes and the particular areas of thinking and behaving which undergo change are considered as dependent upon the position of the individual in his society.

121 621 The anthropological concept of the community is used to define a micro-society. The community of the present study is an urban town, and its people belong to a variety of sub-groups. The townspeople of Geidam are members of occupational groups, social classes, ethnic sub-groups, common interest groups, neighborhoods, and friendship groups. They may be members of many such groups, which may overlap, but they all share one characteristic--they are all Geidamites, part of an interacting community. The various interlocking social groups of the town make up its social structure.

121 177 In terms of the particular field situation, the general acculturation problem presented above becomes: In what ways does the process of acculturation differ among members of differing groups in the urban community of Geidam? Two related additional problems emerge from the general one. The original problem focuses attention on the manner in which social structure guides and directs acculturation. A necessary consequence is that the social structure itself is undergoing change. The second problem is: what are the changes in social structure brought about by contact? Lastly, a third and oft-neglected problem concerns the mechanisms whereby changes are controlled and kept within acceptable cultural limits so that the emergent social structure retains its integration. Generally, this falls within the area of social control, though it is not usually seen in this light.

121 Before the research itself can be presented, however, much

121 The variables which provide the conceptual basis of the present study are social structure and acculturation. Before one can single out individual groups and focus attention on behavioral patterns which are associated with those groups it is necessary to delineate the larger structural features of Kanuri society so that the particular groups which have been selected for more careful examination can be seen in their societal context. In similar fashion, acculturated behavior can only be evaluated when one has a general understanding of the more stable behavioral norms which characterize Kanuri culture. It is against the background of the expectable Kanuri behavioral patterns that items of acculturated behavior takes on significance.

177 178 It was noted in the previous chapter that important external forces are acting to bring about changes in Kanuri culture. While these are powerful forces, and the changes themselves are far-reaching and significant, Kanuri culture still retains its essential integration. This can be seen in several areas: in the consistency of people's behavior, in the stress placed on important Kanuri values, and in the integration of Kanuri personality which is apparent despite acculturation. The present chapter is devoted to the presentation of these general features of Kanuri culture.

A. Larger Features of the Economy

1. Ecology, Settlement Patterns and Land Tenure.

161 There are strong indications that the population of Bornu

El Kanemi brought
175 with him a group of Kanembu and Shuwa nobles, who formed the
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565 nucleus, along with their men, of the army which drove back
177 the Fulani invaders of Bornu. These noble Kanembu families remained in Bornu and adopted Kanuri culture. El Kanemi built the new capital of Bornu at Kukawa, and his son Shehu Omar
175 ruled from Kukawa. The empire of Bornu had declined greatly
178 from its zenith in the late sixteenth and early seventeenth
565 centuries, and the Fulani attacks were both a sign of its weakness and an additional factor in furthering the decline. In form, however, the empire remained much the same. Many of the old families who had been aristocrats under the Mais retained
175 their titles, their lands and their position. The new noble
177 Kanembu and Shuwa families that had followed el Kanemi were
565 given Kanuri titles and entered the social system as Kanuri aristocracy. In time, they accepted Kanuri culture, according to accepted procedures of assimilation which are well understood by the Kanuri and apply to conquerors and conquered alike, to slaves and to freemen.

175 The Shehu and his court ruled in Kukawa. Members of the
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565 royal family were given large tracts of land, including many
631 villages, and from their lands they took money for taxes paid
423 to the central government and for their own uses. In like fash-
[651] ion, the nobility, who were the commanders of army regiments and holders of high titles, had their lands and villages. These were the chimas. Even religious leaders, such as the Imam, were
175 given land. The nobles who were chimas, continued to live in
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779 of the population is pagan (Maguzawa), there are no pagan
177 Kanuri. Among the tribes who are influenced by and are ac-
779 culturating to the Kanuri, the Bede, the Babur, and the Marghi, both pagans and Mosl-ms can be found.

795 According to Trimingham[1], many pagans in the Western Sudan become Moslems by slipping into Islam, calling themselves "Mohammad", and imitating their fellows without special ceremoney. A rite is performed in the case of chiefs and important men, where public recognition is sought. This is undoubtedly the case for those part-Moslem, part-pagan peoples surrounding the Kanuri, and was also probably true in former centuries when the Kanuri themselves adopted Islam.

182 Today Islam is well integrated into Kanuri culture. With-
779 out entering into a detailed discussion of Islam as practiced by the Kanuri, those general areas which are most affected by Islam will be discussed here. These include: law, education and social organization. To begin with, however, it is necessary to discuss the general features of Islamic worship as exemplified by the Pillars of Islam.

1. The Pillars of Islam.

782 The Pillars of Islam are five in number. The first of these is the confession of faith (shahada) which those who

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1. J. Spencer Trimingham, Islam in West Africa (London: Oxford University Press, 1959), see Appendix I "Ceremony of Joining Islam", p. 226.

782 untary aims. Zakat, the tithe for the church, is not given
[793] by the Kanuri. Consequently the clergy are dependent entirely
[792] on sadaka. Koranic specialists who devote themselves entirely to study of the Koran, and to the teaching of the Koran are called Malams. The Malams are supported by sadaka which devout Kanuri are expected to give.

788 The fifth and last Pillar of Islam is the pilgrimage.
• 177 All who can manage the pilgrimage to Mecca (hal) without hardship are expected at some time to make this trip. The Mais and Shehus undertook the pilgrimage, and in fact, el Kanemi spent some years in Mecca. Large numbers of the Kanuri populace have also made the pilgrimage. Its effect has been to tie Kanuri society to the larger world of Islam, in that way to share in a larger community and to bring back to Bornu new ideas and new products. Pilgrims who travel across the width of Africa by truck from Lake Chad to the Red Sea, find that they have a common bond with other Moslems in the towns through which they pass.

78 The nature of religious observance among the Kanuri can be
182 seen in their adherence to the Pillars of Islam. But Islam
[576] enters into Kanuri life at numerous additional points: in the
[275] common greetings between two individuals when they meet; in the
[262] abstention from any form of alcoholic beverage which tends to
[772] be widely observed; in food taboos; in Koranic charms which most
[757] individuals wear; and in the use of ink from verses of the Koran
796 as cures for illness. Most life crises are marked by religious

876 779 pupils learn to recite suras (chapters) of the Koran by rote. If they should proceed to higher studies they learn to write 875 in Arabic script. Anyone who can recite the Koran and can write Arabic characters is qualified to be a Malam[1]. Prom- [555] inent Malams may be appointed Imams and Alkalis. However, to reach such heights requires years of study of Koranic texts, ritual and of law.

[554] The title of "Malam" signifies respect for the learning achieved by that individual. A Malam who teaches pupils, how- [431] ever, is not recompensed by direct payment. Rather, his pupils [735] bring gifts to him, and his pupils beg for him. The giving of sadaka noted above takes the form of gifts given directly to the Malam on ceremonial occasions, and gifts given to his pupils [372] who beg in his name. Many adult Kanuri men of wealth and so- [554] cial importance stress piety and continue their Koranic studies.

871 779 The identification of learning and education with the study of Koran tends to inhibit the growth and expansion of secular 177 554 education on a Western model, since Kanuri parents see the schools as conflicting with the Koranic Malam, and since study of the Koran earns such high prestige (though little remuneration).

4. Social Organization.

779 593 Islam places particular emphasis on the nuclear family. As

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1. Trimingham, ibid., p. 81.

2:Rosman E-5 (1956-1957) 1966 MS14 Kanuri MS14

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361 648 through the district. There are no European officials permanently stationed in Geidam, though a young Assistant District Officer on his first tour of duty did spend three months in Geidam [366] in the course of the author's year of residence there. Along with the Government Rest House, the Government Reserve Area includes the canteens of the various European trading companies who have offices in Geidam, and the houses of their managers. 361 • 177 [439] There are six trading companies doing business in Geidam, three under the management of Europeans, and three under African managers. The three Europeans, two Cypriotes and one Greek (formerly a Swiss, then replaced by a Greek), represent the entire White population of Geidam. Two operate branch offices of larger companies; one is in business for himself. The three African managers are in charge of branches of large trading companies, two British (United Africa Company and John Holt) and one French company (Société de la Compagnie de Ouest Afrique). Thus, the small European population of the town, and the agents of the Western world who make their presence most felt, the colonial administration and the trading companies, are physically removed from the people of Geidam. They come periodically to do what they must in the town, and return to their own sections, and people of the town go out to them to deal with them. There is no opportunity for continual, indiscriminate interaction between [114] the Kanuri populace and these agents of the Western world. In order to do anthropological field work in such a situation, it became immediately apparent that it would be necessary to live

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114 361 • 177 in the town proper, in a Kanuri house, since it was obviously impossible to live as all other Europeans did, more than a mile from the Kanuri people, surrounded by fellow White men.

1. Foci of Communal activity.

36 If an archeologist living centuries in the future were to excavate the ruins of Geidam, he would be able to establish from the physical characteristics of the community that this was undoubtedly an urban community, provided that he excavated with great care. He would find a large area, the market-place, devoted to trade; specialized structures devoted to religious activity, in particular the large central mosque; and others devoted to the government bureaucracy, the largest of these being the Ajari, the 'palace' of the District Head. In addition, he would note great differences in the size of dwelling places or compounds, and would infer that households varied widely in size; [463] this would imply social stratification. Lastly, there would be revealed economic specialization in different sections of the town, indicating the presence of specialized craftsmen. On the basis of solely physical evidence, Geidam would be considered an urban community.

This view is strengthened considerably if one looks at the activities of the people of Geidam. However, as we are still concerned with the physical nature of the community, let us first examine the activities of the townspeople in relation to the various sections of the town, which serve as foci of communal activity.

632 563 167 turn to their northern villages. A group of Bouzou work at camel transport, and live in a cluster near the slaughter-slab area. Another group of Bouzou work as water-carriers and come [162] to live in Geidam between agricultural seasons. They all, up to thirty in number, live in the compound of Lowan Ashek.

632 621 Lastly a group of pagans are to be found in a small hamlet called Koldi, about 400 yards northwest of the town proper. [162] There are forty-five households in Koldi, with a total popula- [622] tion of 134. Koldi has its own Bulama, but Lowan Ashek serves [651] as the Lowan of Koldi and is responsible for tax collection 632 there. The people of Koldi are largely pagan (kordi), and mem- 621 563 bers of the following tribes are found there: Banana, Kim, Ka- 177 bam, Ngizim, Kabalia, Mandara, Kotoko, Gwoza and Fulani. Most of these are tribes found east and south of the Shari River, whose people are pagan or partially Islamized. This is the shatter-belt area between the Empires of Bornu and those of [302] Mandara and Bagirmi. The women of Koldi all do their hair in the Kanuri manner, and the people of Koldi are strongly acculturated to the Kanuri. In fact many Kanuri are found living in [771] Koldi. They are characterized primarily by their lax attitude [275] towards Islam, and are considered pagan because they brew millet beer there. No beer is brewed in Geidam proper, so that Kanuri youths wishing to partake of the local brew are forced to slip [534] away unseen to Koldi. Drumming can constantly be heard in the 632 evenings from the direction of Koldi. The people of Koldi all 621 [243] have farms of millet in the surrounding area, but in addition [385] [463]

441 those of the head of a group of craftsmen. Ten of the fourteen
441 types of tradesmen are organized under a head man. Of the four
443 types who are not so organized, three are not involved in activities in the market-place, which supports the view put forth above, that the structure of the market itself is reflected in the organization of groups whose activities center there.. Five types of tradesmen have nothing at all to do with the market-place, and three of these are not organized with a head.
441 But a second related factor can be seen operating as well.
177 This is particularly apparent when one compares the two sorts of "sundry" sellers. One, the fatkema, sells only traditional Kanuri goods. The other, the taberma, sells a variety of sorts of Western goods. Both sell in the market-place. The fatkema are organized under a head man; the taberma are not organized. It would appear that tradesmen who deal in goods imported from the Western world tend not to be organized as a group with their own head. Turning once again to the four types of tradesmen who are not organized, the taberma fall into this category, as do the canteen operators who are primarily engaged in trade with the European trading companies, and the peanut traders who buy up peanuts for sale to the trading companies.
[452] Money-lenders, the fourth unorganized type of tradesman, fall
[779] into a different category since they practice an illicit occupation, forbidden by Islamic law. The organization of groups
463 of urban specialists under a single head with quasi-political
467 authority to resolve disputes within the group would appear to
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be an element of traditional Kanuri culture. Most of these specialists, craftsmen and tradesmen, are involved with the market, an old Kanuri institution, but others are, and always have been engaged in carrying on their trade outside of the market. New types of craftsmen and tradesmen who are engaged in new sorts of activities which have been introduced into Kanuri culture as a result of contact with the Western world tend not to be organized compared to the older and more traditional groups in Kanuri society.

4. Local trade, and the market-place.

An attempt was made to tally the number of sellers on a Geidam market day. Normally, the market is swarming with people at the height of market activity. This is particularly true in the dry season, in the months following the harvest. During October and November, when the harvest has been gathered and people can afford to buy things, and the roads are once again passable, the Geidam market reaches enormous proportions. The tally, however, was made over two market days in late August and early September. This is in the latter part of the rainy season, and the market is much smaller because of the difficulties in traveling at that time of the year, but it made it much easier to count the number of sellers present at one time. There were 1,477 sellers present in the market. People buying and the many others merely sitting around chatting or observing the scene were not included in the tally. There were prob-

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44 438 439 goods, and European salt and sugar are also imported. Lastly, kola nuts are not locally grown and must be imported.

[177] [226] Of the 1477 sellers in the Geidam market, only 226 (15 per cent) sell imported items; 77 of these sell kola nuts, and this will be discussed separately; 70 sell cloth or clothing, traceable to the disappearance of weaving as a local craft when Western cloth first appeared; 46 are tabǫrma. The remaining 44 438 33 sell salt, enamelware and rubber shoes. It is apparent therefore that the Geidam market is essentially a local market, serving the local community which includes the town of Geidam itself and smaller villages within a radius of perhaps fifteen [172] miles. Villagers come into Geidam on foot, on horse, with donkeys and with camels, bringing with them local produce, such as foodstuff or livestock and locally made wares, which they sell in the market, buying in turn the products made by Geidam craftsmen. Merchants selling in the Geidam market are all small-scale retailers, saborma, according to the Kanuri, who buy someplace and sell elsewhere at a profit. Many of these saborma transport their stock of goods from one weekly market to another, using a donkey or a camel. About twenty miles east of Geidam is the town of Digeltera, often called Sǫbdǫ (Saturday) because its market-day is Saturday. Other surrounding towns form loosely integrated market rings with alternating market days so that the itinerant saborma can visit them each 44 438 439 in turn with his goods. Since Geidam is reached by roads from both Maiduguri and Nguru, goods imported from the West are

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44 438 439 563 815 en collect, and the black wooden bowl (bur) which serves as the standard eating bowl for all Kanuri. In turn, they buy Kanuri-style gowns, bəjis, dates, kola nuts and incense. Lastly, Buduwai, a pastoral sub-group of the Kanuri, come into the Geidam market with cows, milk, butter and millet to sell. They buy salt, sugar, and Maria Theresa dollars (gursus, from which they make bracelets and anklets).

5. External trade.

44 439 177 External trade remains to be considered. This is the process through which Western goods, imported by the European trading companies, enter into the Kanuri economy and are distributed so that they eventually reach the individual Kanuri. As part of this process, the cash crops of the Kanuri are sold to agents of Western companies and exported from the area.

44 439 177 952 The trading companies of Geidam sell their goods to wholesalers, wealthy Kanuri or Hausa middlemen, who primarily receive quantities of imported cloth from the companies. The companies extend credit to these middlemen, each of whom has his shop or canteen in the town where his stock in bolts of cloth is displayed. Payment for goods is made after the cloth is sold. Consequently these men are balɔsma in Kanuri terms. [556] Successful operators of canteens are wealthy men who deal in [592] large volumes of goods. They are the heads of large households, [971] and have a great many relatives, and tata njima attached to them. The tata njima farm for them, and many transact business for them as well. They distribute and sell cloth in the dis-

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44 439 177 452 tant towns where no trading companies are located, and in the surrounding villages that are not large enough to support canteens and shops of their own. When goods are distributed and sold in this fashion, the balosma pays off the debt which he has accumulated at the trading company with which he deals, and acquires new stocks of goods which have since arrived -- 44 439 177 new cotton prints, organdy and rayon. Small traders, saborma, who are unable to establish a good credit rating and therefore cannot deal directly with the European companies, come to the Kanuri canteens and buy cloth in small quantities which they resell in the market-place or in other villages. The retailers of cloth in the market-place are therefore tradesmen of a different sort from the operators of the canteens, and it is in the hands of these canteen traders that external trade lies.

Like cloth, all other imported goods which eventually find their way to the market-place get there at the end of a process of breaking of bulk which centers in the shops and canteens. Items like flashlight batteries, kerosene lanterns, kerosene, matches, enamelware and perfume are bought in bulk by the shop-keepers directly from the trading companies who import them [E-5] through their central offices in Kano and Lagos. The latter type of goods is handled largely by Ibo and Yoruba traders who operate small canteens in the Hausa ward, though some Kanuri canteens also deal in such merchandise. The Ibo and Yoruba shop-keepers sell goods directly in their small shops, and also sell to taborma. Taborma, who are Kanuri, further break

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44 439 177 down the packages in which goods arrive, selling bundles of matches tied together or coca-cola bottles filled with kerosene, from their tables in the market-place.

[244] [237] [241] The export goods of the Geidam area are groundnuts, cowhides, sheep and goat skins and gum arabic. The same European trading companies that import the various sorts of goods mentioned above also handle the exports of the region, and the same network of Kanuri and Hausa tradesmen is involved in the collection and sale of peanuts and hides and skins to the trading companies, save that some tradesmen specialize entirely in dealing in hides and skins, while others deal only in groundnuts. Many of the important canteen owners also buy groundnuts as agents of the particular company from which they buy cloth, once the harvest season begins. This trade, too, involves the use of large amounts of credit which the trading company extends to its list of reliable and wealthy Kanuri traders (baloma) who have been dealing with the same company for many seasons. Long before the groundnuts are harvested, the agents of a Kanuri trader, trusted members of his household and relatives, go out into the countryside giving cash to the farmers who thus pledge their entire crop to a particular trader. When the crop is harvested, most of it goes directly to Kanuri middlemen who have distributed the cash advanced to them by the European trading companies, and through them the groundnuts come into the hands of the trading companies. Eventually the entire groundnut crop of Northern Nigeria is sold to the Groundnut

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Marketing Board for whom the trading companies act as agents. The Kanuri trader who brings in a large share of the groundnut crop in the Geidam area to the particular trading company which has extended credit to him receives a commission and is assured that he will again receive credit from that company in the coming year. If he has succeeded in bringing in large amounts of groundnuts, he will receive more money to work with in the coming year. If he has not done well, or if the money advanced to him has been squandered by his "people" (usually the members of his household), then his credit will suffer and may even be entirely eliminated. Should that happen, his entire household would suffer.

Hides and skins and gum arabic are bought by Kanuri traders and sold to the trading companies in the same manner, except that there is no government Marketing Board dealing in these commodities so that the trading companies are not protected against a drop in the market price. Kanuri traders dealing in hides and skins work with a single company and are advanced cash by that company for purchases. Through their "men", who buy hides directly at the slaughtering area, these wealthy traders deliver the hides and skins to the trading company. Gum arabic is of lesser importance, and not all the European companies deal in it. If the world market price is high, they will make greater efforts to obtain a large portion of the crop.

This is the trade network through which the Kanuri economy articulates with the world economy, and in particular with the

Western world. As is obvious from the above, it centers in a 44 439 177 series of relationships which a group of important and wealthy Kanuri traders have established with the European trading companies of the town. It involves a network of tradesmen, who 44 fall into distinct classes in terms of their wealth and import- 439 554 ance. At the one end are the canteen operators, wholesalers 452 who have large sums of credit extended to them and are the heads of large households. At the other end are the small retailers, with little wealth of their own and still less credit, who travel from market to market with their goods for sale.

6. Internal trade.

Internal, or regional trade, represents still another type 44 439 of trade, distinct from either local or from external trade. 276 The trade in kola nuts is an example of this type of trade. Kola nuts are grown only in the south of Nigeria, and do not grow at all in the Northern Region; however, all Kanuri, men and women, adults and children alike, chew them. They are imported in bulk [494] by Hausa and Kanuri middlemen, and transported to Geidam by truck. [135] Because of the transport problem during rainy season, the price of kola nuts fluctuates widely according to the season, much more widely than any other item sold in the market. Middlemen who buy several hundred-weight bags of kola nuts at a time are called goroma; they sell only in bulk. Goroma sell [492] to other middlemen who come directly to their homes to buy large quantities, which they in turn transport by donkey to the more remote villages which the trucks can not visit directly.

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634 692 sented by the Ajia and those under him, are supposed to operate independently and to serve as checks on one another. In Geidam, Yerima Mustapha and Alkali Baba Kura work together very closely. As will be seen, the system of social stratification and the personal histories of the Geidam power elite operate to prevent the independent functioning of the several arms of 178 648 63 government. When the social system persists and old Kanuri values are adhered to, as happens in Geidam, the traditional political system continues to operate despite new forms instituted by the British colonial rulers.

177 178 625 698 The manner in which this occurs can be seen most clearly in the following example describing the functioning of the police in Geidam. Nigeria has a dual police system: the Nigerian Police, an arm of the Federal Government, and NA Police, part of the Native Authority system. The Bornu NA Police are under a European Assistant Superintendent of Police, stationed in Maiduguri. Among his important concerns is the theft of livestock, particularly in the northernmost districts, since cattle are easily moved across the frontier and sold in Niger, out of [66] the jurisdiction of the Bornu NA Police. The Assistant Superintendent of Police had strong suspicions that collaboration between thieves and political officials on both sides of the border was preventing the apprehension of criminals. He thought that Lowans and Ajias might be hiding and protecting thieves and sharing in their profits. Consequently, he considered it imperative that the Police operate independently of the other

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177 branches of the NA administration. Geidam has a Police Charge
178 Office and a prison. Heading the police contingent in Geidam
625 is a Sergeant, with two corporals and about fifteen men in his
648 command. In September, 1956 the Sergeant in command was Ser-
geant Ali. He seemed to have a good relationship with both
Alkali Baba Kura and with Yerima Mustapha, yet two months later
he was replaced by a new man, Sergeant Usman. The reasons
given were that he had had difficulties with the Ajia, who had
asked that he be replaced. Sergeant Usman was not seen in the
Ajari frequently, although Sergeant Ali had often been present
177 there. It was not until late in the field trip that the in-
178 formation was revealed (in private, of course) that the new
625 Sergeant, Sergeant Usman, was a slave of Yerima's. Years ago,
648 at the death of Laminu Jitia, the great-grandfather of Yerima
567 Mustapha, the Shehu took for himself most of his property in-
571 cluding a slave called Kazella Kadria. This, of course, is
the Shehu's prerogative towards his kabuna, of which Laminu
Jitia was one of the most prominent. Kazella Kadria was the
grandfather of Sergeant Usman, who, strictly speaking, was a
slave of the Shehu's. His own father grew up as a slave of
the Shehu, but Sergeant Usman knows that Yerima Mustapha is
the direct lineal descendant and successor to the position of
his great-grandfather Laminu Jitia, to whom Sergeant Usman's
grandfather once belonged, and he behaves accordingly to Ye-
rima Mustapha, the Ajia of Geidam. This relationship is never
mentioned by either party, but it can be seen permeating every

177 178 625 648 567 571 aspect of their behavior towards one another. Sergeant Usman comes only to report to Yerima each morning; otherwise he is never in the Ajari. He is absolutely trustworthy, and in retrospect it is evident that he was brought to Geidam to be in charge of the NA Police there because of this. The nature of the relationship between the Ajia and the Sergeant is, of course, unknown to the British administration and to the European Assistant Superintendent of Police, but in that relationship and in its effective use by Yerima Mustapha can be seen the persistence of the traditional social system, as well as the frustration of newer bureaucratic forms introduced by the British.

571 662 716 The relationship between the Ajia and the Geidam Police is typical in a general sense of all relationships within the political hierarchy centering in Geidam, though it is not always possible to see the structural lines as clearly as in a [504] slave-master situation. Another special NA appointee in Geidam, Malam Jalo, operates the ferry crossing the Yobe River during its flood. This is a well-paying job, and is highly coveted. Malam Jalo is a member of an important family, and has political influence at the court which enabled him to get the appointment. He acts like a kabuna of Yerima's, and considers himself to be a kabuna though his job is entirely independent of that performed by the kabuna. By placing himself in the relationship of a kabuna to the Ajia, he defines his role in the political system, and at the same time indicates

651 and Yerima has actually carried out the threat often enough
634 for all to know that he means business. It is much wiser and
563 easier to compromise, and to receive gifts for having compro-
66 mised, than to curry the Ajia's disfavor. In this way Yerima maintains harmonious relations with the Fulani in his district, and indeed with the Kanuri villagers as well, and satisfies the demands of the central authorities at the same time. The system is dependent on the work of Yerima's kabuna, who in turn are supported by Yerima. Ultimately funds to support Yerima's sixty odd kabuna come from tax funds, though this never appears in the accounting of taxes. Absolute loyalty to Yerima is de-
[[63]] manded of all his kabuna. A kabuna found helping himself from Jangali, or using his position to extract money from villagers for himself, is severely dealt with.

5. The Roles of N.A. Personnel.

178 The roles of a number of political figures have been dis-
63 cussed in some detail above. In particular, the roles of Ajia and kabuna, of Lawan, and of Alkali have been examined and in every case it can be seen that traditional Kanuri roles have
[63] persisted into the present. The smooth functioning of the political system of Geidam has been attributed to the ability of individuals carrying out those roles, particularly of Yerima Mustapha, in perpetuating traditional relationships and adapting those relationships to the changing present.

634 However, in looking at the list of office-holders in Gei-
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634 dam once again, it is evident that one group is a modern group
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• 177 which has no counterpart in traditional Kanuri society. This
554 is a group of NA appointees including the Primary School Headmaster and the three school teachers, the Agricultural expert, the Veterinary, the Hides and Skins Inspector, the Forestry expert, the Local Government Advisor, the Adult Education Organ-
[19] izer, the Dispenser, and the Sanitation Inspector. All of these
[87] individuals have been educated in Western schools, most through
[863] secondary school, and all speak some English. They have all received specialized training for their jobs. In addition, all are young men or young adult men. Because they have all been educated, they are addressed as "Malam," an extension of the term for a Koranic scholar to new areas of scholarship. (They will be referred to henceforth as "NA Malams".)

634 Despite the fact that the use of the term Malam indicates
177 a general recognition of their scholarly attainments, the NA
554 Malams are a part of the political system, under the jurisdic-
565 tion of the Ajia. Most of the NA Malams in Geidam are sons of
871 Lowans or Ajias, or have some direct connection with the household of a Lowan or Ajia. This is because the aristocracy and those in political power have been more likely to send their
[829] sons to school than the talaka. Talaka are loath to send their children to the Western school as they are needed at home to assist in farming, and because parents see nothing to
[555] be gained by sending one's child to the school. Lowans, however, are themselves pressured to set a good example, and they

634 871 555 177 565 554 see that, in order to succeed politically in future years, a school education is an advantage since the youngster learns to speak English, and learns enough of the ways of the Englishman to better himself. Thus the group of NA Malams that has emerged derives from the aristocracy or from minor political officialdom. Their goals are commensurate with their social background; all hope some day to be appointed Lowan or Ajia, or to achieve political power by gaining a post in Maiduguri. As a group, therefore, they belong within the political structure, though their roles are not specifically political. Their aspirations are the traditional Kanuri aspirations toward political power and social prestige. However, the means to obtain power which is represented by the NA Malams is newly emergent in Kanuri society.

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E. Religion at the Communal Level.

128 76 [184] Religious practice among the Kanuri does not differ from community to community. Therefore, in discussing the manifestations of religion in the community of Geidam, it will not be necessary to describe Islamic observances, such as the ritual prayer. The present discussion will be limited to two areas: religious specialists and their place in the social system of Geidam; and religious festivals as they are celebrated at the community level.

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G. Social Stratification in Geidam.

56 178 177 369 Social stratification in Geidam may be viewed in terms of the interaction of three sets of variables. These are: the traditional Kanuri system of social stratification; the social structure of an urban community; and the influences on Kanuri culture brought about by contact with the Industrial West.

1. The traditional stratification system in Geidam.

565 Aristocracy in Geidam is represented by a handful of individuals. However, though they are few they occupy the [554] positions of greatest power in the community. The term aristocrat properly refers only to Yerima Mustapha, the Ajia, for only he holds a noble title granted him by the Shehu. However, Alkali Baba Kura, the son of a chief Imam and himself a powerful figure in the judiciary, and Sidi Momoɔ Yerima's nephew and an NA messenger in Geidam, must also be considered to belong to the aristocracy, particularly in view of their close ties through kinship with members of the aristocracy. Kinship links to the aristocracy, however, are an ambiguous criterion, since kinship is not always the determining factor in succession. Moreover, a number of other individuals in Geidam, particularly among the NA Malams, are also able to trace ties of kinship to the aristocracy.

567 Slaves are a distinctive social element in the community only if their masters, too, are present as members of the com-

463 565 Beidam whose activities fall primarily in the economic sphere of Kanuri culture. The activities of other specialists are concerned largely with the political sphere of Kanuri culture. Still others specialize in the religious sphere of their culture. Though the distinctions are never absolute, and in a sense all individuals are involved in every aspect of their culture, it is clear that, for example, one group is more concerned with the economic aspects of their culture than with the religious aspects, as they carry out the behavior which characterizes that group. Though all traders pray (along with everyone else), their activities as traders are primarily concerned with economics and not with religion; though all Malams handle currency (along with everyone else), their activities as Malams are primarily concerned with religion. For any given individual, group membership is operationally defined by the amount of time which he devotes to a given type of activity. Thus the craftsman spends most of his time at his craft, the trader spends his time trading, and the Koranic Malam studies and teaches the Koran.

3. The Influence of Contact with the Industrial West.

86 177 [559] The third variable which must be considered in looking at social stratification in Geidam is the influence of contact with the Industrial West. In discussing this factor it is necessary to look once again at the dimensions which determine social position in Kanuri culture: power, wealth,

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177 prestige, and the distinction between slave and free-born.
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177 The direct influence of the British colonial administra-
567 tion has removed the legal support behind the master-slave
565 relationship, so that slaves can no longer be bought and sold,
648 and slaves who have run away cannot be forcibly returned to their masters by the police. This has radically altered the relation between master and slave, so that the distinction between slave and free-born is significant only in special cases.

64 By and large, the colonial administration, because of
177 its policy of indirect rule, has allowed political power to
178 remain in the hands of the same segments of the society as
565 previously held power. However, some changes have been made by the British, so that representatives are elected to a Northern House of Assembly and to a Federal Legislature. In Geidam,
634 political power is largely in the hands of the Ajia, who typ-
177 ifies the aristocracy. Yerima Mustapha as Ajia of Geidam is
178 a perfect example of the aristocrat who has skillfully adapt-
565 ed to the changes demanded of a present-day Ajia, and at the same time has succeeded in perpetuating the old social order. Other positions of power such as those of the Lowans, are held by men faithful to him, chosen from his kabuna, another traditional group which has continued on into the present in Geidam. The position of Alkali in Geidam is held by still another member of the aristocracy; and what is more, the Alkali of Geidam, Alkali Baba Kura, was elected representative to the
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634 Northern House of Assembly. An elected office created by the
177 British which is an important new source of power has been
178 successfully captured by a member of the old aristocracy which
565 previously held all political power. Other new offices cre-
[648] ated by the colonial administration are to be found in the
634 District and Town Councils. Thus far, the District and Town
632 Councils in Geidam are dominated by the Ajia. But the member-
177 ship of the Town Council in particular is largely composed of
178 wealthy traders and a few craftsmen, who are all talaka. These
565 talaka do not yet have real political power but they have more
665 symbolic power than talaka have ever had before, and their po-
648 sitions may in time give them real power. The same is also true for the officers of the Northern Peoples Congress (NPC) in Geidam, who are also talaka and controlled by the Ajia, but who may in time emerge with real power through their positions within the dominant political party in Bornu and in Northern Nigeria. As yet, rival political parties in the North, the Northern Elements Peoples Union (NEPU) and the Bornu Youth Movement (BYM), have been effective only in large cities like Maiduguri. They have made little impression in Geidam.

439 Perhaps the greatest changes in community structure have
177 been those brought about by influences of the Industrial West
433 on trade, particularly on external trade. Though trade has always been important in Kanuri culture and middlemen in trade have always existed as specialists in Kanuri cities, it is probable that a larger proportion of the total economy is de-

[GEIDAM]

177 voted to production for export today than during any previous
439 period. The roles of those involved in this external trade
433 with the Western world have changed profoundly as this aspect of Kanuri economy grew in importance in this century.

177 Goods imported into Geidam from Western centers have
439 also affected Kanuri culture. The large quantities of cloth,
463 which represent the most important item imported, have brought
433 about the disappearance of Kanuri weaving and thus have led
[286] to the elimination of one craft group, the weavers. Other crafts have been affected to a lesser extent by the importation of other manufactured goods (enamelware, buckets, rubber shoes) but the craftsmen as a group have continued to make and sell their products and services, without any direct influence from Western culture.

177 In similar fashion, the Geidam market shows only slight
439 signs of the effects of contact with the West, and those en-
441 gaged in trade within the market-place are little affected
443 by the contact. This is in sharp contrast to tradesmen who are involved in external trade, where the effects of contact are pronounced. Those most involved are the canteen traders who deal directly with the European trading companies in Geidam. As a result of their success in dealing with agents of the Western world, they have become an important and wealthy group in the community.

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177 Lastly, Western education has had its effect on social
871 stratification. Though individuals in Geidam who have received

[GEIDAM]

177 Western education are few in number, they form a significant
871 category in the community. In their most advanced form they
[632] are represented by the class of NA Malams, who are best categorized as a group which functions primarily as part of the
177 political structure. Since traditional formal education was
871 entirely in the hands of the Koranic Malams, this area of in-
554 fluence affects them most directly. Learning in Kanuri culture has always been associated with prestige, and the most learned people were also among the most respected. This is true for Koranic Malams, and is also true, to an extent, for those who receive a Western education since they, too, are
[578] referred to as "Malam." As a result of this, a conflict has arisen concerning the two forms of education, and the rela-
177 tive merits of each. However, since Western-educated indi-
871 viduals who continue their education and receive specialized
632 training tend to accept NA positions--so that the best educated individuals in Geidam are all NA Malams--the primary activities of Western-educated Kanuri are associated with the political system. Therefore they are not in conflict with those, such as the scholars of the Koran, who are concerned primarily with religion. Rather, they threaten individuals who, through traditional associations, are involved in the political system but have received little or no Western education.

177 It is evident from the above discussion that contact with
178 the Western world has created new paths to wealth, power, and
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prestige in addition to those previously available in Kanuri culture, and that these new paths are sometimes in conflict with the traditional paths. These conflicts in turn have brought about shifts in the relative positions of certain groups in the community structure, particularly among the talaka. The position of these groups in relation to one another in the community of Geidam represents the social structure of Geidam. The social structure of Geidam, then, is a result of the interaction of the three variables discussed here: the traditional system of social stratification, the urban nature of the community, and the influences upon it of the Industrial West.

124 the part of the investigator with respect to the variable of acculturation can have played little or no part in obtaining the present results, since the various groups and categories which were used in the study themselves differ in the areas of culture in which they are acculturated. There is no simple division into acculturated and unacculturated groups.

2. Measures of Acculturation.

121 114 Much of the year spent in the field in the town of Geidam was devoted to work in two problem areas: delineation of community social structure, which was described above, and working out measures of acculturation. In the final three months spent in Geidam the actual data on which the present study is based [122] were collected. Until that time it was necessary to acquire a general understanding of Kanuri culture, to learn the language, and to see the areas in which Kanuri culture was most affected by external influences.

125 124 Data on acculturation were acquired through a questionnaire-interview, administered in Kanuri to forty-four informants. The questionnaire comprises seventy-five parts, many of these long and complex questions requiring discursive answers. It took approximately two hours to interview each informant.

125 177 Thirty of the seventy-five questions were concerned with measures of acculturation. These are presented in Table XIV. It can be seen that the measures of acculturation refer to a wide variety of behavioral areas. These include: language; posses-

[TEXT CONTINUED ON PAGE 246]

Table XIV

Acculturation Measures in the Questionnaire

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1. What languages beside Kanuri do you speak?
2. Can you read? In what script can you read?
3. Do you have: a wrist watch, a bicycle, a radio, photographs of yourself, a horse?
4. Can you ride a bicycle?
5. Can you tell time?
6. What is the use of a wrist watch?
7. Which is more useful, a horse or a bicycle? Why?
8. Which would you rather have, a horse or a bicycle?
9. Do you smoke cigarettes?
10. Do you drink beer?
11. Do you fast during Ashem (Ramadan)?
12. Do you fast during Tsuro Mbulo (a minor fast)?
13. Do you wear charms (laya)?
14. Do you wear European-made shoes?
15. Do you wear European trousers?
16. Would you go to a European doctor if you were ill?
17. Which is more effective in curing disease, European medicine or drinking the ink which was used to write verses of the Koran (alo)?
18. Does a Kanuri doctor know how to set bones better than a European doctor?

    Does a Kanuri doctor know how to treat jaundice better than a European doctor?

    Does a Kanuri doctor know how to treat snake bite better than a European doctor?

    Does a Kanuri doctor know how to treat head ache better than a European doctor?

    Does a Kanuri doctor know how to treat small-pox better than a European doctor?

Table XIV (continued)

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Does a Kanuri doctor know how to treat internal pain better than a European doctor?

19. If you had a complaint against a man, would you take him to court or would you take him before the Lowan or Ajia for sholo (arbitration)?

20. If you became rich and a man came to you and said that he needed a new kulugu (gown), would you give it to him?

21. Would you send your daughter to the European school?

22. What sort of work would you most like to do, if you could do anything you desired?

23. Which would you rather be: a truck driver, a Lowan, a dispenser (or doctor), or a Malam of the Koran?

24. Would you marry a woman who was not Kanuri?

25. Would you marry a Hausa woman? a Fulani woman? a Moslem Babur woman? a Moslem Yoruba woman?

26. Would you marry a Kanuri woman who had gone to school and who spoke English?

27. Would you let your wife go to work as a dispenser or a school-teacher?

28. Would you want your sons to attend the European school?

29. Would you rather have them go to a Koranic Malam or to the European school to study?

30. What would you most want your son to become?

125 sion, use, and knowledge of Western material culture; evalua-
177 tions of the usefulness of such items; religious behavior; attitudes toward Western medical practices and the effectiveness of such treatment; attitudes toward traditional ways of arbitrating disputes and towards traditional forms of Kanuri generosity; attitudes toward preferred types of occupations for the individual being questioned and for his sons; attitudes toward Western education for both sons and daughters; attitudes toward marriage with women outside Kanuri culture and with acculturated women; attitudes toward behavior which should be permitted one's wife.

125 The forty-five remaining questions in the questionnaire-interview are concerned with various facets of the individual's life history. The initial twenty-five questions deal with the individual's wives and children, family of orientation and family of procreation, and his household. The information ob-
125 128 tained from a number of these questions provide the basis for many of the tables in the previous chapter, particularly those on kinship and household, where the sample used is that de-
125 scribed in the present sections. Many of the earlier questions provide important information on the relative positions of the groups and categories. Thus information on number of wives, whether they were kalə yaskəs or zogors, size of yal, etc. reveal a great deal about each group and category. Fifteen other questions are concerned with friendships, visiting patterns, and eating arrangements, all factors in the position of a group

Chapter II [p. 8]

Ancient Roots to 1900

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The existence since earliest historic times of Empires and petty states, along the southern ridge of the Sahara, from Lake Chad over to the Sene-Gambia region of the Atlantic Ocean, that is to say roughly along the line of 12 degrees north latitude has appealed to writers for centuries. There is quite a body of early Arabic literature on the subject, and from the 19th century forward, an ever increasing group of European writers have become interested in Sudanic history. Although this material makes fascinating reading to anyone interested in the region as a whole, it is not within the purposes of the present work to summarise the historical events of the Sudan, the rise of Songhai, Mali, Ghana and their respective declines. Such an account would take the present discussion far off its limited scope of interest in the area of the Chad basin. However, two main points must be kept in mind which stem from this large body of literature, Firstly, there were to the west of Bornu throughout its entire history large states and empires which were rising, falling and expanding, and with whom Bornu was always in contact. Secondly, that all these empires and petty states maintained constant contacts, not only with one another, but with the great Muslim powers of North Africa and Spain through the medium of the ancient caravan routes of the Sahara.

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The possibilities of contact of peoples across the Sudan to the east of Chad is a much thornier question, and very little has ever been done by competent scholars to relate the eastern Sudan to the central and western portions.(1)

The contacts of the Sudanic peoples with the south have either

(1) See Arkell, A.J. History of Darfur, Sudan Notes and Records, Vol. 32, 1951, pp.33-38, in which he discusses the influence of Bornu on Darfur.

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177 been left out of the historical accounts of the area or have been played down so considerably that the reader finds it easy to forget that the Sudan is geographically adjacent to the Guinea coast. Lady Lugard[1] set the style for this kind of thinking when she described the Sudan as "facing north". Yet the gold, the slaves, and the lowly kola-nut, which became popular as an article of consumption from Kano to Tripoli, all required well established relationships and contacts between the peoples of the Sudan and those to the south of them from very early times.

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197 Evidence on the early beginning of the Kanuri people is scant. Linguistically they belong to the central Saharan group of languages which extends like a boot into modern northeastern Nigeria, but for the most part takes up the area of the central Sahara, reaching north to include a good portion of Fezzan, all of Tibesti, and stretching eastward in the desert until it meets the Afro-Asiatic group of languages, the so-called Hamito-Semitic group.[2] Greenberg comments on the distinctiveness of the central Saharan group of tongues, and we may safely attribute to them a respectable time depth. 174 133 Gautier[3] has shown that Lake Chad delivered water into the Bariu region in past times.[4] According to another writer the whole territory northeast of Lake Chad was a great swampy shallow area until the early centuries of the Christian era. This was maintained by the overflow through a river valley (the Bahr el Ghazal) which is now only a dry depression. The surplus Chad water still flows along this passage today beneath the soil. Less than a century ago, Nachtigal[5] saw the first

(1) Shaw, F.L. (Lady Lugard), A Tropical Dependency (London), 1905, p.3.
(2) Greenberg, J.H., Studies in African Linguistic Classification: IV Hamito-Semetics, SWJ, 6, 1950.
(3) Gautier, E.F., Sahara the Great Desert, (London) 1935, pp.68-69.
(4) Tilho, J. in Geographic Journal LVI, 1920, quoted in Carpenter, Rhys, A Trans-Saharan Caravan route in Herodotus, Americal Journal of Archeology, Vol. 60, 1956, p. 240.
(5) Nachtigal, G., Sahara und Sudan, p. 771ff

174 133 80 miles of its bed in flood and boats being used in these seasonal swamps.(1) Carpenter feels that it was these wet lands south of the Fezzan rather than the Niger that Etearchus spoke of to Herodotus. It seems reasonable to suppose that as these enormous wet lands dried up central Saharan speaking peoples followed the course of this retreat and moved slowly over the centuries into the Chad basin, or at least concentrated more densely in this geographically favourable area.

175 Until more historical and archeological research has been carried out, it would be wise to neglect some of the later writers' fanciful reconstructions and to concur with the ever careful Barth, in speaking of the first centuries of the Kanuri kingdom as its "silent beginnings".(2)

175 797 Most scholars are agreed that the rulers of Bornu embraced Islam somewhere around the end of the 11th century. El Bekri writing circa 1067 A.D. speaks of the people of Kanem as idolators.(3) However it is most likely that besides consulting merchants and travellers, he was consulting older [173] texts on the subject. The king lists all agree on the fact that Mai (king) Hume (1085-1097 A.D.) died in Egypt on the way to Mecca, and it is upon this evidence that Islam is at present dated in Bornu.(4)

[177] Urvoy feels that this contact with Islam brought with it the knowledge of expansionism, powerful monarchy, and the idea of tributaries.(5) Whether this is true, or whether Islam only enhanced tendencies 175 642 already present is impossible to say at present. Whatever the answer, it is recorded that the son of the above mentioned Hume, Dunama I (1097-1150 A.D.) expanded the little state of Kanem, northeast of Lake Chad, into

(1) Carpenter, Rhys, op.cit. p. 239.
(2) Barth, H. Travels in North and Central Africa, Vol.II (London) 1857, p. 643.
(3) El Bekri, quoted in Barth, H. op. cit., p. 634.
(4) Urvoy, Y. Chronologie du Bornu, Journal de la Société des Africanistes, 12, 2, 1942, pp. 271-289.
(5) Urvoy, Y. Histoire de l'Empire du Bornu, Mem. IFAN, 7, 1949, p.36

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The European trade in Bornu, like that of many parts of West Africa, developed a distinctive quality which arose primarily as a result of the dearth of available excess capital at the local level which could be utilised for trade. For this reason competition among the European traders involved a strong competition in the financing of tradersas well as the more usual aspects of commerce, like price, quality and sole distributorships. Although the major part of this competition went on between Europeans for the Arab speaking traders it also served as a stimulus in expanding the number of traders in the native population.

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The other relatively distinctive feature of the Bornu trade was the small number of Companies which participated in it at the European level. By the early 1920's almost the entire trade of Bornu to and from western Europe was handled by five or six large firms. Bauer has shown how this paucity was not only a commercial development but was encouraged by government who found it easier to deal with a few well established firms rather than a number of small ones. (1)

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The outside influences coming into Bornu after 1900 were thus of a two pronged variety which set up various responses in the political and economic spheres of local life. Up until the second world war, the main concern of the colonial official was to make the policy of indirect rule work, while always trying to force a more comprehensive understanding and conformity to the general values and standards of English culture. The theme for all annual reports running from circa 1914 to circa 1944 can be best expressed in the oft repeated phrase "steady progress." Each year tax collections were a little better, a few more students were attending the provincial

(1) Bauer P.T. West African Trade: (Cambridge University Press) 1954, pp. 150-156.

3: Cohen E-4,5 (1956-1957) 1960 MS14 Kanuri MS14

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177 schools, a few more roads were built or improved and once in a while
648 extended, local European trading Companies reported "steady progress" in business volume, living conditions in the province for European staff "steadily improved", medical facilities "steadily expanded" and so on. Certainly there always seemed to be a rather high turn over in chiefs, but this came to be part of the expected regularity of life in Bornu.

What in effect had occurred was an adjustment. The British administration had set up the organisation of its indirect rule and the task of each new Resident Officer in Bornu was to implement Lord Lugard's policies to the best of his abilities. The general methods of resistance to the English administration were well known by both the Kanuri and the English and no jarring outside influence entered the scene to upset the gentlemanly tug-of-war which characterized the colonial contacts as a kind of game in which everyone knew the rules and the conditions of play, while the over-all techniques of the players did not change much through time.

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[127] How the "game" was played at the political level can be seen in the following example of the deposition of a chief, taken from the provincial records at Maiduguri, concerning the District Head of Mobber between 1929 and 1931.(1) Mobber District is in the extreme northeast of Bornu Emirate on the border between Nigeria and French West Africa. Its relative isolation from British surveillance contributed to the maintenance of officially prohibited practices well into the late 1920's.

During 1929, a touring officer (British) reported that

(1) c.f. Mobber District File; Provincial Office, Maiduguri.

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crary peasants whose only reaction to the boom was to plant cash crops and buy more of the things that they always wanted to buy, especially around harvest time. However, the entire outlook and organization of the administration had been built up in the slow, "steady" years between the wars and now a "development" program was needed in order to plan for and dispense the large sums of money suddenly becoming available at the local level. Before long, new government buildings, schools, medical dispensaries and local N.A. [511] salaries were going up. In Maiduguri, bicycles, radios, tin roofs on houses, motor cars and trucks began to be common sights and needs.

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On the national scene, Nigerian independence was a new wind blowing up from the south that eventually came to Bornu and brought her leaders into closer contact with the emerging political parties of Nigeria. Radios and ease of travel, even to those well out in the "bush", brought the people of Bornu into closer contact not only with the rest of Bornu, but into a growing unity of sentiments and even language and culture with the entire Muslim population of Northern Nigeria. Since 1950 a movie theater in Maiduguri has brought the American cowboy as well as an immediate perception of many other aspects of American and European life into the heart of Bornu, so that to many of the people there we in North America are not as strange to them as they and their culture are to us.

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829 things when they can be identified as Kanuri. If things get farther away from this Kanuri-ness they can be different from, worse than, or better than, the ideal Kanuri attribute. Thus a Fulani calabash is not good or bad, but it is not Kanuri — it is a different jili (i.e. variety). Facial features, on the other hand, either approach this ideal of Kanuri-ness, which is good, or differ widely from it, which is bad or ugly or not "the pure one" as one English-speaking informant declared. Customs, objects, morals, etiquette, dress, in fact the whole gamut of Kanuri-ness which is generally speaking evaluated as good. In some respects, for example, the Kanuri practice of asking for things continually from others or the widespread practice of adultery, this ideal Kanuri-ness is not the summum bonum. Nevertheless even when informants exclaim Kai Kanuri dibi dea (Wow! Kanuri are wicked) in response to some story of adultery or immorality in general, there seems to be a certain amount of pride expressed in this judgement because of the Kanuri flavour of the misdemeanor.(1)

177 The Bornu Emirate has throughout its long history always had contacts with other ethnic groups both within and beyond its borders. Altho the Kanuri are the majority group in Bornu, they are in constant contact with many other ethnic groups, especially in the larger centres. Almost every town of over one thousand population has a pagan ward; slightly larger centres have a Hausa quarter, and often politically dependent (settled) Fulani or Shuwa hamlets nearby. Larger towns like Maiduguri, Nguru, Geidam, Dikwa or Damaturu have Ibo, Yoruba and sometimes European trading elements living in the town as well. Maiduguri, the

(1) The Kanuri word dibi means bad, wicked, immoral in one sense. However, it can also be used as an expression of wonder, delight or amazement. For example, it could be elicited from a peasant on his first experience with a typewriter, or the insides of a camera.

462 Men rule, farm, dye, build, work metals, skin, tan and work leather, slay and handle cattle and small livestock, tailor, embroider, make hats, musical instruments, trade, weave mats, and work as labourers. [463] They are also religious specialists, carpenters, mechanics, [177] clerks, civil servants and a host of newly introduced jobs of European origin, as well as being the taxpayers. It is no exaggeration to say 562 592 that the economy is controlled by men. The male head of the household dispenses all income in cash and [illegible] kind resulting from farming and craft work. (Women's gardens are not farms but small plots inside the compound). The male doles out money to his wives for petty market buying and does the major purchases of food grains and clothing himself. He also pays for ceremonies, transportation and most of the gift-giving 562 done by himself and the members of his household. Except for pottery 323 production by female specialists, men control all income producing craft work in the society as well as all the major distributive functions.

423 Almost all rural household heads own some land in or near their hamlet or village. Land ownership results from a combination of usufruct and inheritance rights and is related as well to the local political organization. These factors are discussed in more detail in the section below on operating costs. Many urban people obtain rural farms from relatives in the bush or retain plots of land in rural areas after having moved to the city. This latter group sends out either relatives or labourers to work the land. In some cases the household head moves out from the city to bush for the necessary working period required to tend the farm.

241 Rural peasants work their own land. The men clear the land and are helped in the planting, hoeing and reaping by their wives, and/ 000 or other compound members. Another source of labour is the <u>serwa</u> (co-

000 season.

Craft Production

467 621 The outline given at the beginning of the chapter has indicated the general organization of crafts in Bornu. Each village having several of the same variety of craftsmen has a ward devoted to this craft under a headman. Thus Magumeri Village has a ward for butchers, dyers, potters, makers of millet beer, string makers, and calabash makers. [443] Goods produced by crafts not present in Magumeri are obtained 433 through the market. In analytical terms the Kanuri craft industry is characterised by its simple technology, its cottage industry social structure and its relation to outside competition.

Only the simplest tools are needed to produce almost everything made in Bornu and the materials for these can be obtained locally. Methods of production are slow and laborious. Thus a blacksmith makes about three to five hoes per day and a dyer colours only five or six robes on a busy day. Again a potter's weekly production runs from ten [177] to twenty pots, depending upon the size. The chief exceptions to this [294] are the Singer sewing machines, used universally by tailors to make [402] clothes, and the few milling machines used in Maiduguri.

438 Craft production is carried on in small groups and almost [602] always inside the household of the craft worker. Sometimes a group of craftsmen work together in their ward, especially when they are agnatic kinsmen. However, each owns the result of his own labour. A man's day in craft work is spent within the confines of his own household or closeby in the house of a neighbour who practises the same craft. Thus the locus of craft work, family life, and often male agnates are all the [294] same. In one exceptional case in Magumeri, a cloth seller has invested in three Singer sewing machines and has tada njima who tailor for others

517 teming to court cases, horse racing, radio, phonographs, newspapers, political meetings, and cinema shows (in Maiduguri). Some of these items, both traditional and acquired as a result of culture contact, require expenditures. Thus praise-singing which validates status, or even creates it momentarily where it does not exist, may become almost a social narcotic when used by some highly motivated person who wishes to obtain higher status but cannot, and thus buys it in one or two minute lumps of time from the singers. Again sexual affairs (male speaking) for sheer pleasure can be a costly entertainment, especially if the man seeks variety. Other traditional items, such as gambling (now done with European playing cards), learning to read the Koran, trips to other localities, visiting markets with no practical purpose, may all lead easily to some expenditures. With growing culture contact and westernization we may expect that items such as radios, newspapers, and movies will begin entering family budgets, as they have already done for the urban population.

511 [554] [833] [524] [517] [177]

276 (273) The major traditional stimulants in Bornu are kola-nuts, millet beer and tobacco flowers for women. Kola-nuts are chewed almost universally by both sexes, and form part of leisure time intercourse. It is customary to have nuts at weddings, naming ceremonies and other ritual occasions, which are given out to guests. Generally speaking, expenditures reported by men for kola-nuts were low in comparison to food and clothing. However, in several cases - the District Head, the head butcher, a kola-nut retailer, a city trader, an N.A. messenger, an ex-cattle trader now a farmer, and a hides and skins trader, the calculated annual expense approached or equalled clothing expenditures. Women colour their teeth with gworongo (Salonacea Incanum) and chew tobacco flowers and kola-nuts, but generally obtain the income for

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276 302 511 this expenditure from both their own productive activities as well as the husband's allowance. Pagan millet beer, distilled millet liquor, 273 [511] and European beer and spirits are widely consumed. Except for the District Head, who averaged £3.0.0 to £5.0.0 per month for liquor, little is known of this expenditure. It appears that it is a more widespread practice in larger centres and among the younger generation of Kanuri. Indeed it is rare to see an elderly person taking liquor in the 276 272 pagan quarter of Magumeri. Other minor stimulants are cigarettes, chewing tobacco, tamarind juice, soft drinks and candies.

751 789 [432] A different variety of stimulant, which involves almost everyone in some expenditure, is a supernatural or medicinal one, in which the individual expects to be protected against malevolence and misfortune, and to achieve sexual, political and economic success. This type of stimulant comes traditionally from the native doctor or the specialized charm seller, each of whom sells items which stimulate greater success, or stave off failure along some dimension of aspiration. 789 In the culture contact situation, this has created a good market for 177 "patent medicines" which are beginning to appear in large quantities in the urban centre. Thus at Maiduguri, a European drug store sports such items as "Pregno" for pregnant women, "Braino" for students, "Backo" for anyone with back-aches, "Power" for anyone wishing to increase his personal fortunes, and so on. The recognized superiority of Western technology is generalized to its medicinal stimulants and these meet a sharp demand.

302 Cosmetics in Bornu are used by both sexes although more time, money and effort is spent in self-beautification by women. Both men and women use perfume, although only at the upper class level is it a daily practice. Perfume is always passed around at major ceremonies to both

175 648 expect from the Europeans whose consistency was an expression of the British sub-cultural unity. This balance was upset by the second world war, whose post-war boom and the Nigerian independence movement wrought rapid changes in the contemporary scene in Bornu.

• 177 178 At the peasant level, changes have not been cataclysmic. The ending of the slave trade and the pacification of the country from constant wars, especially the remembered ravages of Rabeh, are frequently referred to by the peasants as the most valued changes which have been [433] instituted since the coming of the British. However, from an analytical point of view, the universal spread of a cash economy and the production of cash crops to all levels of the peasant society during the last fifty years is a significant development of no less importance than the conscious value placed upon the pacification. With minor exceptions the arrival of the European has not changed the social relations between the peasant and his fellows, and between the peasant and the [494] chiefs. The development of roads, and the coming of the "lorries" allowed for more mobility, and has slowly expanded the possibilities of settlement for the Kanuri peasant to include not only all of Bornu, but the entire Northern Region, at least for the more adventurous. However, house types, methods of farming, law, religion, local social organization, and most importantly basic values, have continued in the time honoured manner of the past.

177 441 The introduction of the few European trading houses has served as a stimulus of profound and continuing effect in the total Bornu society. It has brought the Arab-speaking middlemen who absorb a large proportion of available credit, which the Companies use as a primary item of competition due to the lack of local capital for investment in the area. The trade, and its outside capital, has intro-

177 441 duced new wants in consumer goods, and encouraged the spread of cash cropping and native middlemen to fill roles as distributors of western products, and as buyers of cash crops at the village level.

178 648 642 However, the Bornu Emirate under the British was not the same article as its 19th century predecessor. Its boundaries were now permanently delimited and required no great responsibility on the part of the local people to defend or expand. The military power of the Shehu and control of "foreign affairs" with other Sudanic military powers had now been taken over by the British, who performed these functions in accordance with the imperial policies of the colonial government of England. Indeed the need for militarism all but vanished since the Bornu political organization and territory were now dependent upon the position and policy of Great Britain in world affairs.

The policies of indirect rule created a climate of control wherein the previous cultural life could continue; however, because of the intrusion of the British administration into the top of the society as a controlling caste who were supposed to rule through local authorities, there occurred a potential weakening of the indigenous political [182] organization. Although a high degree of integration of law, religion and social organization remained, and all functioned to support authority, there were no other authorities at the top of Kanuri society. Unlike the authorities in the traditional society, the British had different values and goals. Because both traditional standards of performance and goals and the new ones are both enforceable, new conflicts have become possible in the contemporary society, especially in the political sphere.

602 571 In order to place kinship in a larger social context, behaviour associated with kinship has been categorized under four somewhat

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[For information on acculturation among varied occupational and social groups of Kanuri and their responses to contact with material items of Western culture as well as Western medicine, education, language and occupations, see category 116, pp. 249-367.]

441 the extended household organization of Alkali-Bukar -otherwise Ajimi
452 could not have got into trade.

Thus attempts to set up direct contacts with bush retailers and wholesalers, and thus reduce the number of middlemen, by the big Companies is probably doomed to failure. For these bush traders will simply use the credit gained, to set up or expand extended household organizations for trading. Only when the populations as a whole can afford to buy more expensive consumption items, and spend more per person generally, will there be a need for large stores of goods and less need of the multitude of middlemen now present in the social structure.

178 The social changes brought about by the colonial administration and the concomitant economic development of the Bornu area have been already treated above. What remains to be considered is the nature of stability and instability in Kanuri society as a whole. The question can be asked in this way; given the nature of the Kanuri social system, what conditions are necessary to its perpetuation in a similar form to that described in the study?

183 The basic prerequisites for the present structure of Kanuri society are its behavioural norms. Indeed this is a partially tautological statement, for the structure of Kanuri society is the organized use of the behaviour norms in its various social structures. These structures running from small to large scale focus on the various tasks necessary to the perpetuation of social life in Bornu. In the family compound, the local and Emirate political units, the social relations of the individual in the consumption, production and distribution of goods and services, the norms of interpersonal relations give stability to Kanuri society.

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121 work. This means that minute details of innovation and social life in general can be recorded at the level of the "common man" as contrasted with the analysis of regional or national productivity figures, or of government policies, or United Nations statistics. What emerges is not, therefore, a total picture of the development process, but rather a grass roots view of the reaction to planned culture change by the people at whom the programme was aimed in the first place.

The purpose of this article is to document and analyse an innovation that succeeded technically, and yet failed because the human components of the innovation experience were not taken into account.

101 The place is Africa, the time is 1956-57. But it could very well be the Near East, Asia or South America, anytime between 1940 and 1960. The people are the Kanuri of Bornu Province, Northern Nigeria, but they could be peasants anywhere.

The Context

174 The Kanuri of Bornu province in northeastern Nigeria have
175 been organized as a Muslim emirate in the Chad basin for many centuries. Their language classification by Greenberg
[131] (1954), early Arabic sources, and the scattered work of a few
[642] interested scholars, supports the notion of their continuity in the region, with possible origins somewhere to the northeast of
[177] their present habitat. The pre-colonial emirate kept up continual trade and cultural contacts with the Maghreb during its long history as an organized state.

161 The Kanuri number about one and a half million. The
311 population density is approximately sixty per square mile and there is no pressure on farmland, which can be extended simply by clearing new bush areas further away from the population
433 settlements. The majority of the people are peasants who carry
241 on three analytically separable economic activities. These consist
44 of (1) farming, primarily millet and guinea corn, supplemented by maize, beans, squashes, cucumbers, and groundnuts, (2) cash
[434] cropping, mostly groundnuts, and (3) a dry season non-farming activity connected with the market. Market activities are in

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242 • 197 During 1956-7 the Agricultural Officer of Bornu Province was a Kanuri who had studied tropical agriculture in Egypt, Iraq, Israel, and India. He was very enthusiastic about the introduction of citrus crops into the area, and spent a large part of his time helping to get this programme under way in the southern part of the province. He was also interested in introducing super-phosphate fertilizer into the agricultural practices of Kanuri cultivators to increase the yield of millet and groundnuts.

241 The average yields for the province using traditional techniques are approximately 600 lbs. of groundnuts (decorticated) and 400 lbs. of millet (threshed) per acre. The yields diminish as one travels north towards the desert, and farm sizes increase in proportion, although farm size is also dependent upon family size, marriage stability, and the socio-economic relations of the cultivator within the community (Cohen, 1959). Research has [242] proven that the use of super-phosphate fertilizer can raise agricultural productivity in Bornu from 25% to 40% above that normally obtained with traditional growing techniques.

Two methods of planting crops are known. The bulk of the farm plots for most cultivators are the *kulo karabe* or far farms.[1] These are located beyond a two hundred yard perimeter (approximately) around the village. Here crops are planted [221] a week or two after the first rains, hoed twice during the wet season, and harvested in the period from November to the end of December. In the *kulo fatobe* or near farms, within a two hundred yard perimeter around the village, and within the household itself, maize and vegetables are planted with compost, mostly from sheep, goats, horses, and burnt ashes. This is placed on the soil during planting, and may be applied again during the growing season. Sometimes the compost is put into the ground along with the seeds.

101 [162] The following course of events was observed in Magumeri, a comparatively small district capital (population 2000), forty-five miles northwest of Maiduguri, the provincial capital.

[1] Literally this expression means "bush farm," and *kulo fatobe* translated literally would be "house farm." For purposes of descriptive convenience and accuracy, the writer has coined the phrases "near" and "far" farms.

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The Course of Events

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For the three years prior to 1956, the agriculture department of Bornu Province had sent super-phosphate to the District Head of Magumeri. The District Head called in his Village Area Heads and distributed the fertilizer among them. These Village Area Heads were in turn under instructions to give out the fertilizer to local cultivators. Some did so, some did so half-heartedly, and some not at all. Since there was no great pressure from the higher echelons of the political organization to get the programme under way, the super-phosphate was simply considered a matter of local choice. Peasants who tried the fertilizer claimed that it was useless.

In early June, 1956, the Agricultural Officer sent a letter to all District Heads informing them that he intended to carry out a lecture tour of the Province. The District Head of Magumeri sent out directives to make sure that a large group of people would gather in the district capital for the occasion. The talk centred round two main points. First, the great superiority of European technology; here references were made to motor cars, radios, aeroplanes, and to the fact that super-phosphate fertilizer increased the productivity of indigenous crops. Secondly, the Officer remarked repeatedly that for the last three years the peasants had been using the fertilizer improperly by depositing the super-phosphate pellets into the ground with the seeds. This provided no benefits whatsoever for the plants, and might easily do them some harm. The lectures were given in Kanuri, the native language of the Agricultural Officer.

On June 30th, 1956, Malam Abdulla Yajuwa an agricultural field worker, from the Bornu department of Agriculture came to Magumeri. His instructions were to carry out thirty or more demonstration trials in the Magumeri area on low fertility far farms (*kulo karabe*). This was to be done in cooperation with the cultivator who would permit Malam Abdulla to mark off one acre of farm plot, divide this into two halves, and apply super-phosphate fertilizer to one half and not the other. The farmer was to accompany the field worker so that the method of application could be observed and explained.

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242 Two one-acre plots were to be used for each peasant, so that
177 the utility of the fertilizer could be seen on both millet and groundnut plots. In addition, the field worker was to keep careful records on date of sowing, date of application of fertilizer, dates of first and second weeding and harvesting, farmer reaction to super-phosphate, name and village of the cultivator, and finally, the weight in pounds of millet and groundnuts harvested per half acre on the demonstration plots. The field worker was instructed on the necessity of weighing the harvest from each half acre in the presence of the owner, so that each peasant would see the difference in yield from the treated and untreated portions of the plots. The instructions on this last point were very strongly worded and field workers were made to feel particularly responsible for the final demonstration to the farmer of the weight of crops coming from each part of the demonstration plots. Field workers were also told to play down the efficacy of this particular stock of super-phosphate pellets by commenting on its age and its probable loss of power in comparison to new super-phosphate which could be expected to give much more powerful results. The field worker was also asked to make the point that this free application was only for the purpose of demonstration, and that anyone wishing to obtain super-phosphate fertilizer in the future would be expected to buy it. (Actually, the plan was to distribute the fertilizer the following year at a very nominal price, well below its actual worth.)

The District Head organized a meeting of Magumeri cul-
[632] tivators and introduced Malam Abdulla and his project. The
[875] Village Head of Magumeri and the local school teacher, both
[554] highly respected men in the village, made short speeches extolling the virtues of the fertilizer, and the Village Head asked for volunteers who would participate in the project. Only a few came forward, others were then ordered to do so, and the rest of the Magumeri sample was obtained through the participation of the school teacher and servants of the District Head, all of whom had their own farm plots. Malam Abdulla also went to two other villages in the area, after obtaining the permission of the District Head, and obtained "volunteers". In

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one of these, Chingowa, he was refused any cooperation by the Village Head at first, because this leader had heard nothing about the project from the District Head. When the District Head sent out a directive about the demonstration, the cultivators were forthcoming.

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During the next few weeks, Malam Abdulla went round to the farms of all participants choosing infertile unfertilized plots. He then measured off two one-acre plots (if possible) and divided these in half. Four to fifteen days after the plants had germinated he applied the super-phosphate in the company of the cultivator. He explained in a friendly, cheerful, manner how it was necessary to make a small hole two to four inches away from the stalk and pour in a few pellets.

From July until harvest time in the fall, Malam Abdulla made monthly visits to all participants in the demonstration. During these visits he extolled the virtues of super-phosphate fertilizer, and together he and the cultivator went out to the plots and measured the height of the plants, and examined them comparatively. It was obvious in almost all cases that the plants treated with super-phosphate were larger, healthier, and broader-leafed. The contrast was especially marked for groundnuts since the untreated plants looked generally to be about half the size of the treated ones.

At harvest time Malam Abdulla did his best to make appointments with all the participants so that he could be on the spot to separate treated from untreated crops, and to keep the yields of the experimental one acre separate from other plots not included in the demonstration. This was not possible for sixteen out of seventy-eight cultivators. These men simply harvested their crops and took no notice of the experimental plots even though they had participated in the scheme up until harvest time.

For the rest, the results were varied, but the overall technological success of the demonstration was indisputable. For those measured, there was a mean increase in millet of 30.3% per test plot, and a mean increase of 35.1% for groundnuts. Variation was large, although almost everyone obtained at least a 10% increase on their fertilized plots, while some received

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242 gains running up to 300%[2]. In two cases for groundnuts and ten
•177 for millet, the increase on the test plot was less than 10% of that on the non-fertilized one. These twelve plots were owned by nine people: allowing for eight cases of negligence through absense or sickness, this leaves forty-three cultivators who experienced a significant (more than 10%) increase in productivity due to the action of super-phosphate fertilizer.

After the harvest season (November to January) had ended nothing more was done on the project for some time. Malam Abdulla prepared his report and turned it in to the Agriculture department at the capital, but remained in the Magumeri area. In March a District Council meeting was held in Magumeri, and the fertilizer was on the agenda for discussion.

242 The District Council, under the chairmanship of the District
177 Head is composed of Village Heads, Ward Heads and some
634 elder compound heads from the various villages and hamlets of the district. The body, a British innovation, discusses local planning, and votes on the disbursement of a small amount of money known as the District Council Fund.

This was a rather special occasion for the Council, for they were to have an African District Officer rather than a European, which was the usual practice. Generally speaking, the meeting differed considerably from all other Council meetings attended by the writer. The people seemed much more relaxed, much less stiff and formal compared to previous occasions. Comments passed back and forth between one person and another, whereas at previous sessions, people had sat silently, and never spoke unless spoken to first by a superior. The resulting loss in orderliness was offset by a large gain in freedom of expression.
[782] Many participants remarked afterwards on this difference and spoke favourably of the African District Officer, who prayed with the people at both the beginning and end of the meeting.

242 During the meeting, the District Head announced that the
177 super-phosphate fertilizer was to be available within the next month or two for sale to those who would like to buy it. Several

[2] The standard deviations for these averages are as follows: millet, 25.2; groundnuts, 20.1.

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objections to the fertilizer were voiced immediately. The school teacher of Magumeri gave a short talk extolling the virtues of super-phosphate and reminded the people that European technology was "a wonderful thing". He also repeated the claim that there had been widespread misuse of the fertilizer in the years before Malam Abdulla had come to show them how to use it correctly. Although this was heard in polite silence, objections to the fertilizer were still raised after the school teacher had finished. Several older men murmered, *faida ba* (useless), *ngəlagnyi* (no good) and similar negative phrases. Finally, Malam Abdulla spoke to the meeting for about twelve minutes. He gave a rough summary of his work in the Magumeri area, and remarked repeatedly that the demonstration had been a complete success with many farmers. He explained that in those cases where the fertilizer had failed to give results, the farmers in question had done little or no hoeing, and the crop failures were therefore due to negligence and not the super-phosphate.

However, when the District Head asked the people to estimate how many would be interested in purchasing bags of super-phosphate pellets, there were no volunteers. On the contrary several old men stood up and gave sharply condemnatory speeches about the fertilizer. It was claimed that this fertilizer worked in Kano, Katsina, and Zaria, i.e. elsewhere in Northern Nigeria, where the soil was much redder. In Magumeri the soil was yellow, and needed compost or cattle dung; the super-phosphate was not entirely useless, but for the Magumeri area it was not practicable. Without standing up, several others made similar comments, and a negative consensus was soon reached. The super-phosphate fertilizer was the wrong kind of thing to use on farms in this area. No one rebutted these arguments, and no one mentioned the successful demonstration after Malam Abdulla had spoken.

The District Head closed the matter by saying that he would have a letter written to the agriculture department reporting the views of the Magumeri peasants, and asking for a field worker to be sent who would teach the people how to use the new fertilizer.

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And so, after ten months of work the project was back where it had started. It may be that in future years the people will come to accept super-phosphate fertilizer: now, however, there is as much resistance to it as there was at the beginning of the demonstration.

Analysis

The demonstration of super-phosphate fertilizer in the Magumeri area was in most essentials a technical success. The programme was introducted by a Kanuri field worker employed by the Agriculture department which was under the direction of a senior Agricultural Officer who was himself a Kanuri. What went wrong? Why did the people so unanimously reject the innovation?

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In discussing factors affecting economic growth, Linton (1952: 76) has commented that people will improve their lot unless they have had adverse experiences in the past with a particular innovation. This point is particularly relevent to the situation under discussion.

Some of the people in Magumeri had used the fertilizer in previous years without adequate instruction. By placing the pellets in the ground with the seed, they had damaged the plants in some cases, and killed them in others. When the Agricultural Officer made his speech in June, 1956, people remarked afterwards that the *bundar nasarabe* (European compost) was useless. It was agreed that European technology was very wonderful, but the Europeans did not grow millet and groundnuts, and therefore knew nothing of the techniques necessary for such cultivation. Therefore the speech was in effect a failure. A field worker who had rapport with the cultivators could easily have discovered this important fact and the department would then have been aware that they were not planning an innovation at all but rather that they had a battle on their hands against a confirmed negative opinion. That references were made to the previous misuse of the fertilizer indicates that there was some appreciation of this fact. However simple contradiction was not sufficient to change these attitudes.

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Linton (1952: 77) has also suggested that peasants view any attempts to change their economic condition with suspicion when these originate from their rulers. The peasant, often quite justifiably, feels that anything his rulers offer as a chance to improve conditions is probably much more to the ruler's advantage than to his own.

This was very certainly the case in Magumeri, and had occurred several times before. Thus, only a few weeks before the fertilizer demonstration began, the Village Head of Magumeri had tried to convince people of the worthiness of literacy. His argument centered around the idea that when literate the peasants would be able to catch their rulers, including himself, for issuing false tax receipts (Cohen and Frank, 1960). When the people refused to volunteer he forced a number of individuals to sign up for the literacy courses. It is difficult to say exactly how many were forced to "volunteer" for the fertilizer demonstration, but that coercion was involved is undoubtedly true.

On the other hand, a strange and almost unprecedented thing occurred at the final meeting when the people were asked whether or not they would use the fertilizer in the coming year. District Council meetings were usually very stiff affairs in which a formal agenda was followed under the guidance of a British District Officer. Very often a District Head rehearsed these "democratic" meetings first to make sure motions would be seconded, voted on properly, etc. On this occasion, an African District Officer was present, and the District Head gave the members of the Council a definite choice as to whether they would accept the fertilizer or not. Bornu is an autocratic country and subordinates are usually ordered about, unless the matter is a trivial one. The outward signs of democratic procedures introduced by colonial rule are very superficially imposed upon feudal autocracy, so that effective social action is carried out dictatorially. This is an ancient society and people are traditionally accustomed to these procedures. That dictatorial powers were not invoked over the decision to use, or not use, fertilizer in years to come, immediately defined it as a trivial and unimportant matter upon which people could make up their own minds.

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followers, or having children. Conversely, peasants who experience a decrease in crop yields attribute this to a loss of personnel in their household (Cohen, 1959: 272-5). Thus increased yields like many other facets of self-improvement in Bornu are based on social relations, not technology, when seen from the peasants' point of view.

Although there is no confirming evidence, another factor may have been operating in this situation. The sudden release from autocratic leadership could have been an expression of the aggression, hostility, and rebelliousness, usually associated with psychological reactions to authoritarian leadership. White and Lippitt (1953: 602) have shown this to be so in their studies of children's clubs, and it may have a much wider application. Whether or not people with a long tradition of autocratic social organization experience these same feelings, with the same intensity is a question which must await further research.

The field worker, Malam Abdulla, was a young man of twenty-two. He had recently graduated from a one-year course at an agricultural technical training college and hoped to rise quickly in the Bornu department. He was, however, blocked by the seniority system which placed over him people with less education than himself. The college officials had evidently made much of the advantages of education and promised the graduates rapid advancement. But, jealousy, nepotism, and his youth held him back, for the moment, from obtaining a higher post. Malam Abdulla deeply resented this, and continually blamed his lot upon the traditional social order of Bornu. He admired European technology, which had given him his hoped-for status, and was also attracted to the western ideology of liberal democracy, with which he had come into contact in secondary school.

His department head, the Agricultural Officer, also admired European technology and culture. He lived in a European house, ate western food, and could on occasion act as a completely acculturated person. That is to say, both the department head, and the field worker indicated a generalized cathexis for western culture, not just its technology.

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242 177 This was reflected strongly throughout the fertilizer demonstration. The super-phosphate was first praised as a part of western technology which was dubbed "wonderful". It was made clear that this technique could increase productivity, but the idea was gained that it was because of European technological superiority that the fertilizer should be considered worthwhile. Perhaps the most rigid extension of western culture as well as technology, was in the use of one-acre plots as demonstration units. Since the goal of demonstration was to indicate the increase in productivity occasioned by the fertilizer, it was necessary only to obtain a plot and divide it in two. By always insisting on an acre, the field worker often left part of a farm plot out of the experiment arbitrarily, and by implication emphasized the "foreign" character of the innovation.

[829] The reaction to all this was simply to intensify the belief that Europeans knew nothing about Kanuri farming techniques.

242 177 561 [576] Another difficulty could have been the field worker's age. However, he was well aware that in Kanuri society young men do not tell older men how to behave, and was at all times polite, and respectful to older peasants. On the other hand, Malam Abdulla was a member of the political organization by training, [554] and by birth (his father was a Village Head). This gave him high status so that he could make suggestions to older people.

242 177 [829] Negative attitudes not to his age, but to his programme were reflected in peasants' statements to the writer that Malam Abdulla came from Yajuwa, to the south of Magumeri where the soil was a different colour, and therefore more amenable to the "European compost".

Finally, there was no "follow up" on the successful demonstration. The field assistant made little or no attempt to assess whether or not the peasants were convinced of the utility of the fertilizer. He conceived of his job as one in which his main task was to carry out a successful field demonstration, keep records, and turn in a final report. During the meeting, well after the harvest season when negative opinions and stereotypes had had several months to congeal, only the leaders of the community spoke of the project. No participating farmer was brought forward to speak of the success which he had observed on his

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own farm plot. This added to the general impression of the fertilizer as an intrusive item, and one which had no practical value under local conditions.

Conclusion

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The human side of innovation has often been emphasized as being just as important as the technological. The Magumeri experience reiterates the fact that the social and psychological context of innovation requires careful analysis so that variables affecting innovation may be isolated and prepared for before any development programmes are put into action. If the place of social relations, as compared to technology, in farm production had been taken into account, the results of this experiment might well have been less disappointing. Furthermore, it should be emphasized that all technology is imbedded in a welter of cultural accretions. It is the responsibility of the innovator to isolate cultural characteristics of technology which are necessary to its successfull operation, from those which are simply there because of the cultural origins of the item. This is what lies at the root of flexibility as opposed to rigidity in the introduction of western technology to the underdeveloped areas of the world.

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